



# **COURSE REGISTRATION GUIDE 2026-2027**

PLV District Website [www.plcschools.org/](http://www.plcschools.org/)  
PLSHS Website <https://plshs.plcschools.org/>

*Papillion La Vista South strives to provide a high impact experience that builds character and creates opportunities.*

*We accomplish our mission by putting these values into action each day:*

*Excellence, Inclusion, Improvement and Teamwork*

# **Nondiscrimination Statement**

The Papillion La Vista Community Schools does not discriminate on the basis of race, color, national origin, sex, disability, religion, age or other protected status in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

The following persons have been designated to handle inquiries regarding the non-discrimination policies: Students—Ms. Missy Stolley, Director of Student Services, 420 South Washington Street, Papillion, NE 68046 (402) 537-6214 (missy.stolley@plcschools.org). Employees and Others—Dr. Kati Settles, Assistant Superintendent Human Resources, 420 South Washington Street, Papillion, NE 68046 (402) 537-6206 (kati.settles@plcschools.org.org). Complaints or concerns involving discrimination or needs for accommodation or access should be addressed to the district administrator.

For further information about anti-discrimination laws and regulations, or to file a complaint of discrimination with the Office for Civil Rights in the U.S. Department of Education (OCR), please contact OCR at One Petticoat Lane, 1010 Walnut Street #320, Kansas City, Missouri 64106, (816) 268-0550 (voice), or (877) 521-2172 (telecommunications device for the deaf), or ocr.kansascity@ed.gov.

## **Child Find Notice**

The Papillion La Vista Community Schools has an ongoing goal of locating and identifying all children, birth through age 21, who have special needs. The district will provide any child or youth who has a disability an appropriate public education at no cost to the parents of the child. Children or youth with disabilities are those who have hearing impairments, vision impairments, behavioral disorders, both deafness and blindness, health impairments, specific learning disabilities, mental disabilities, multiple disabilities, speech and language impairments, physical disabilities, autism or traumatic brain injuries. In addition, children and youth with any disability, which substantially limits a major life activity, may receive modifications to allow them access to an appropriate education (Section 504 of the Rehabilitation Act), as amended.

The Papillion-La Vista Public Schools requests your help in locating children and youth with disabilities who are eligible to benefit from Special Education. If you know of a child or youth who is a resident of the district, who may have a disability and is not receiving needed services, please contact:

Dr. Tammy Voisin, Director of Special Services  
420 South Washington Street  
Papillion, Nebraska 68046  
402-537-6200

Also, if you know of someone who may need this notice translated to another language, given orally, or delivered in some other manner, please contact the same person.

## **Remote Program**

PLCS does not offer a Remote Program. The global pandemic in the early 2020s yielded data to affirm the positive effects of students attending school in a building with face-to-face instruction & practice. If PLCS has to offer a Remote Program for any reason, we will only offer core classes and some electives. The PLCS program will contain courses required by Nebraska Rule 10 for school accreditation & PLCS graduation. PLCS will be committed to devoting teachers only to remote students during their designated class periods. Doing so presents many scheduling constraints as all teachers of any Remote Program classes will also be teaching in-person classes.

- High School: English, Math, Science, Social Studies, PE/Health, Personal Finance, & computer science equivalent.
  - Courses required for graduation will be offered.
  - Honors and AP courses will not be offered.
  - Electives will be assigned & delivered via a self-directed, independently-paced software program.
  - Band and Chorus will not be offered.
  - Athletics and activities will not be offered.
- Middle School: English, Math, Science, Social Studies, Elective (via self-directed, independently-paced software program).
  - Band and Chorus will not be offered.
  - Athletics and activities will not be offered.

**This Course Registration Guide is designed to help Titan students in the planning and selection of their classes.**

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# Graduation Requirements

- Starting with the graduating class of 2028, students must earn a minimum of 46 semester credits to graduate from Papillion La Vista Community Schools.
  - Classes of 2026 and 2027 will each remain on graduation plan requiring 45 credits.
- Students in Grades 9-11 should enroll in a minimum of six (6) credit classes each semester.
- Students in Grade 12 should enroll in a minimum of five (5) credit classes each semester.
  - **It is not uncommon for students to carry more credits when interests and aptitudes indicate that such a program will be beneficial.**
- Students & families are required to account for completing–or opting out of– the FAFSA as per State of NE statute 79-729.
- Typically, 9th grade students take English 9, Biology, a math course, US History, and Introduction to Physical Education.
- Typically, 10th grade students take English 10, Chemistry, World Civilizations, and a math course.
- Typically, 11th grade students take English 11, Physics or another additional science course, and a math course. It is highly recommended that 11th grade students also take American Government & their remaining social studies credit.
- Typically, 12th grade students take a minimum of 5 classes, including English 12 and any other courses needed to meet graduation requirements.
- It is **highly recommended** that students with 2-year or 4-year college aspirations take four years of science and math.

## Minimum Graduation Requirements for Class of 2027

| Department         | Credits | Required Courses   |
|--------------------|---------|--|
| English            | 8       | 2 semesters each of English 9, English 10 and English 11 or AP Language & Composition  |
| Math               | 6       | 2 semesters of Algebra 1   |
| Science            | 6       | 2 semesters must be life science (e.g. Biology) and 2 semesters must be physical science concepts (e.g. Chemistry, Physics).   |
| Social Studies     | 6       | 2 semesters each of U.S. History and World Civilizations; 1 semester of American Government, and 1 additional social studies elective credit                           |
| Physical Education | 3       | 1 semester of Introduction to Physical Education   |
| Personal Finance   | 1       | 1 semester of Personal Finance   |
| Computer Science   | 1       | 1 semester of Computer Science (or its equivalent - see below)   |
| Additional Credits | 14      | 14 semesters are required, which may include Electives and/or credits beyond the minimum requirements in English, Math, Social Studies, Science and Physical Education |
| Total Credits      | 45      |  |

### Minimum Graduation Requirements for Class of 2028 & Beyond

| Department         | Credits | Required Courses   |
|--------------------|---------|--|
| English            | 8       | 2 semesters each of English 9, English 10 and English 11 or AP Language & Composition  |
| Math               | 6       | 2 semesters of Algebra 1   |
| Science            | 6       | 2 semesters must be life science (e.g. Biology) and 2 semesters must be physical science concepts (e.g. Chemistry, Physics).   |
| Social Studies     | 6       | 2 semesters each of U.S. History and World Civilizations; 1 semester of American Government, and 1 additional social studies elective credit                           |
| Physical Education | 3       | 1 semester of Introduction to Physical Education   |
| Personal Finance   | 1       | 1 semester of Personal Finance   |
| Computer Science   | 1       | 1 semester of Computer Science (or its equivalent - see below)   |
| Additional Credits | 15      | 15 semesters are required, which may include Electives and/or credits beyond the minimum requirements in English, Math, Social Studies, Science and Physical Education |
| Total Credits      | 46      |  |

In this Registration Guide, some courses will include “**Prerequisites**.” A “prerequisite” is defined as a course that a student must pass before enrolling in the next level of the course. Prerequisites and recommendations may only be overridden by building administration in consultation with the District Curriculum Office.

#### Graduation Requirements for Personal Finance and Computer Science

- As mandated by State of Nebraska Statute 79-3003 & recent NDE changes to course coding & Statute guidelines, the Class of 2027 & beyond will need Personal Finance and Computer Science (or their equivalents) to graduate.
  - The following PLCS courses will meet the Personal Finance requirement:
    - Personal Finance
    - Online Personal Finance
  - The following MCC course will meet the Personal Finance requirement:
    - MCC College Jumpstart – Financial Literacy
  - The following PLCS courses will meet the Computer Science requirement:
    - General Computer Science
    - Digital Design
    - Informational Technology 1
    - Informational Technology 2
    - Project Lead the Way Computer Science Principles
    - Media Studies 1
    - Media Studies 2
    - Media Production 1
    - Media Production 2
    - Graphic Arts 1
    - Graphic Arts 2
    - STEM Introduction to Design, Engineering, and Architecture
    - STEM Civil Engineering and Architecture
    - STEM Engineering and Architecture Development

- STEM Capstone
- The following MCC courses will meet the Computer Science requirement:
  - MCC College Jump Start -- IT, Computer Programming
  - MCC Information Technology Internship
  - MCC 3-D Animation and Games
  - MCC Architecture Technology
  - MCC Civil Engineering Technology
  - MCC IT-Data Center Operations

Fee Waiver----Fee waivers may be available for student with economic need

Early Graduation - Students who wish to apply for early graduation must complete an application. Applications are available in the guidance office.

## Weighted Courses

### Weighting of Grades

Additional course weight has been assigned to Honors and Advanced Placement (AP) courses. Both categories of courses are evaluated internally through our District curriculum development process to ensure an appropriate level of rigor. Moreover, AP courses are externally validated by the College Board to verify that the rigor of each course corresponds with program expectations. The additional weight is assigned to honors and AP courses for two primary purposes. The first is to make these courses more accessible to students by minimizing the GPA risk of potentially receiving a lower grade in a more rigorous course. The second purpose is to provide an incentive for students to take these more rigorous courses in order to potentially maximize their cumulative GPA. The table below outlines the number of mark points assigned based on performance in each of the three categories of courses in the Papillion La Vista Community Schools.

#### **Mark Points**

Mark points are assigned to various courses to differentiate the difficulty of each course. For determining mark points, courses are differentiated based on whether or not the course is on-level, honors, or AP. For example, an A in an AP course would be worth more points (5) than an honors course (4.5) or on-level (4.0).

#### **PLCS Grade Scale**

| Scale    |    |
|----------|----|
| 97 - 100 | A+ |
| 93 - 96  | A  |
| 90 - 92  | A- |
| 87 - 89  | B+ |
| 83 - 86  | B  |
| 80 - 82  | B- |
| 77 - 79  | C+ |
| 73 - 76  | C  |
| 70 - 72  | C- |
| 67 - 69  | D+ |
| 63 - 66  | D  |
| 60 - 62  | D- |
| 50 - 59  | F  |

Grade weighting will be determined in the following manner:

|                            | A+, A, A- | B+, B, B- | C+, C, C- | D+, D, D- | F |
|----------------------------|-----------|-----------|-----------|-----------|---|
| <b>Regular Mark Points</b> | 4.0       | 3.0       | 2.0       | 1.0       | 0 |
| <b>Honors Mark Points</b>  | 4.5       | 3.5       | 2.5       | 1.5       | 0 |
| <b>AP Mark Points</b>      | 5.0       | 4.0       | 3.0       | 2.0       | 0 |

### Weighted Courses

| English   | Mathematics   | Electives  |
|---|---|--|
| Honors English 9<br>Honors English 10<br>AP Literature & Composition<br>AP Language & Composition   | Honors Geometry<br>Honors Algebra 2<br>AP Precalculus<br>AP Statistics<br>AP Calculus AB<br>AP Calculus BC  | All level 3 & 4 World Language courses<br>AP Spanish Language and Culture<br>AP Music Theory |
| Science   | Social Studies  |  |
| Honors Biology<br>Honors Physical Science (Online)<br>Honors Chemistry<br>Honors Anatomy/Physiology<br>AP Biology<br>AP Physics 1<br>AP Physics 2<br>AP Chemistry | Honors U.S. History<br>AP World History<br>Honors American Government (Online)<br>AP Microeconomics<br>AP Macroeconomics<br>AP Gov't & Politics: U.S.<br>AP Gov't & Politics: Comparative<br>AP U.S. History<br>AP Psychology |  |

Information on Access Your Future courses & their specifics can be found below in this document

### On-Level, Honors, Advanced Placement Courses

- **On-Level Courses:** On-Level Courses are built from grade-level standards and represent the PLCS diploma. These courses are designed to prepare any student for their next step after high school graduation, including 4-year college.
- **Honors Courses:** Honors classes are built from on-level course topics of study and pacing; they are differentiated by content, processes, and products (projects & assessments). These courses are designed to prepare any student for their next step after high school graduation, including 4-year college. These courses earn an additional 0.5 mark point in GPA calculation.
- **Advanced Placement Courses:** AP courses are college-level courses taught at the high school by PLCS teachers. Course content is guided by the College Board; and, each teacher must have their syllabus approved annually.
  - College texts are used.
  - Students in AP will be encouraged to take the national exam of the course in May. Students may be responsible for the exam fees.
  - Some AP classes may also be provided for Dual Enrollment credit. Students should check with their teachers on these opportunities, which can change from year to year depending on a variety of factors from the colleges through which the credit may be offered.
  - Students intending to attend a 4-year college or university are strongly encouraged to take at least one AP course.
  - These courses earn an additional 1.0 mark point in GPA calculation.

**Prerequisites and recommendations may only be overridden by building administration in consultation with the District Curriculum Office.**

### **High School Credits**

For graduation requirements, excellence recognition, and GPA purposes in **PLCS, only courses taken during the 9<sup>th</sup> thru 12<sup>th</sup> grade will be counted.** High school courses passed in middle school will not be counted for high school graduation credit. Advanced courses at our middle school level are intended to allow students to go further in the content area's course sequence, not to generate HS credits for early graduation or eligibility to college.

### **Transferring Credits**

In an effort to provide all students with an equitable graduation recognition, the records of students will be evaluated individually with each course grade being assigned the weight of its closest counterpart in the Papillion La Vista Community Schools course offerings. The district will make the final determination of the records of the transfer student.

### **Exclusions**

The following are not included in the calculation of a student's grade point average & are not "mark point courses.":

- Courses completed within non-accredited homeschool programs
- Correspondence courses from non- accredited high schools
- Audit courses
- Study halls
- Alternative assessment courses
- Pass/no-pass courses
  - **Students need to check carefully on these if desiring academic excellence recognition.**

## **Scheduling Procedures**

- Students need to complete registration forms, have parents/guardians sign the forms, and turn the forms into designated teachers.
- Students will be obligated to take the classes listed on completed registration forms; so, students & families need to make sure registration forms are accurate and reflect desired & approved courses.
- Starting with the graduating Class of 2028, students must earn a minimum of 46 semester credits to graduate from Papillion La Vista Community Schools.
- Students in Grades 9-11 must enroll in a minimum of six (6) credit classes each semester.
- Students in Grade 12 must enroll in a minimum of five (5) credit classes each semester.
  - Seniors must be in attendance for 5 periods of the day.
  - Seniors attending the Health Systems, Zoo, or Metro Community College JumpStart Academies must be enrolled in two classes at the home high school unless enrolled in multiple academies.
- It is not uncommon for students to carry more credits when interests and abilities indicate that such a program will be beneficial.
- All students will be limited to one online course per semester through PLCS.
- All students are encouraged to include courses of practical and liberal arts in their selection of elective courses.
- Scheduling concerns can be addressed with a counselor at the beginning of each semester.

|  |  |
|--|--|
| <p style="text-align: center;"><b>Start of School Year</b></p> <p>Fall Check-In and Days 1-5 of 1st Semester</p> | <ul style="list-style-type: none"> <li>● Fall Check-In Days: Changes will be allowed on these two days. We will be available for walk-ins and appointments.</li> <li>● First 5 Days: Students are allowed to make changes to 1st and 2nd semester courses. If a student wants a change for 2nd semester, they must make it at this time.</li> <li>● Students are allowed to make elective changes in person or via email.</li> <li>● Any changes to core classes must be made via appointment and with a parent/guardian.</li> <li>● All schedule changes are subject to seat availability.</li> <li>● Dropped courses will not appear on a student's transcript.</li> <li>● Schedule changes can be denied if the counselor or administrator determine that the change is not in the student's best interest. <u>For example, students will be highly encouraged to remain in AP and honors courses.</u></li> <li>● Changes will not be considered based on the student's personal preference (i.e. teacher request, lunch request) or that of the student's parent or guardian.</li> </ul> |
| <p style="text-align: center;"><b>Mid-Semester</b></p>   | <ul style="list-style-type: none"> <li>● Only changes will be drops and study halls added as a result of an Administration-initiated request.</li> <li>● Students may receive a withdrawal (W) or failure (F) based on the circumstance of the situation.</li> </ul>   |
| <p style="text-align: center;"><b>Start of 2nd Semester</b></p> <p>First 2 Days of 2nd Semester</p>              | <ul style="list-style-type: none"> <li>● Students may drop an elective for a study hall.</li> <li>● Core subject level changes will only occur if a student earned an F or D for the fall semester. A meeting must be held with the parent/guardian, student, counselor, teacher input and administrator if necessary.</li> <li>● 9th - 11th grade students may not drop a core class.</li> <li>● 12th graders will be highly discouraged from dropping core classes and may be denied the request.</li> </ul>   |

### **Auditing a Course**

With administrative approval, a student may audit a course for no credit. This is a non-mark point; therefore, an audit course would not count toward Laude Recognition. Typically, auditing a course is beneficial for a student who has failed a portion of the course OR a new student who is missing critical content for courses that build. The course title will appear on the transcript with "AU" for audit and no credit. An audit permission form must be obtained from the counseling office and signed by the student, the teacher, an administrator, and a parent, and be returned to the counseling office.

## **Course Retakes**

Courses required for graduation **must be** retaken if failed (e.g. P.E., Biology, U.S. History, any level of English, American Government, Personal Finance). Credit recovery summer school is available free of charge and very limited. It is available for the purpose of credit recovery for students who can/will commit to the time and be able to work independently. Students will need to schedule a time to discuss credit recovery options with their counselor if failures of courses occur. An online learning software program is available only for credit recovery; again, only for students who can/will work independently within the supervised setting.

Courses cannot be retaken for an improved grade. PLCS does not have staffing to accommodate this practice.

## **Which class should your student register for?**

Choosing the right course can be a challenging decision. Use the following suggestions when deciding what level is right for you.

- **On-Level Courses** - On-Level Courses are built from rigorous, grade-level standards and represent the PLCS diploma. These courses are meant to prepare any student for their next step after high school graduation, including 4-year college.
- **Honors/Advanced** - Honors classes are built on-level course topics of study and pacing; they are differentiated by content, processes, and products (projects & assessments). These courses earn an additional .5 mark point in GPA calculation.
- **Advanced Placement Courses** - AP courses are college-level courses taught at the high school. Course content is guided by The College Board; and, each teacher must have their syllabus approved annually.
  - College texts are frequently used.
  - Students in AP will be encouraged to take the national exam of the course in May. Students may be responsible for the exam fees.
  - Some AP classes may also be provided for Dual Enrollment credit. Students should check with their teachers on these opportunities.
  - Students intending to attend a 4-year college or university are strongly encouraged to take at least one AP course.
  - These courses earn an additional 1.0 mark point in GPA calculation.

# **Graduation Recognition**

## **Laude Model Recognition Criteria**

Papillion La Vista Community Schools is committed to recognizing the academic success of its students in a variety of ways, including at the high school graduation ceremony. The goal of our laude recognition model is to celebrate academic excellence while at the same time creating a system that eliminates the competition between students that exists in a traditional class rank formula. We believe this makes it possible for students to pursue course offerings that best fit their interests and future goals while at the same time reinforcing the value of a rigorous course of study.

- **1. A student must complete\* a minimum of five, mark point-earning courses each semester while enrolled in high school.**
  - **complete = passing the class & earning credit**
- **2. A student must achieve a specific cumulative GPA at the end of the first seven semesters of high school.**

**Laude Model Designations:**

**Summa Cum Laude** (“with the highest honor”) - This is the highest recognition awarded at graduation. To graduate *summa cum laude*, a student must achieve a 4.25 or higher grade point average on a 4.00 weighted scale AND have passed a minimum of five, mark-point earning courses each semester enrolled in high school.

**Magna Cum Laude** (“with great honor”) - This is the second highest recognition awarded at graduation. To graduate *magna cum laude*, a student must achieve a GPA of at least a 4.00 but less than a 4.25 on a 4.00 weighted scale AND have passed a minimum of five, mark-point earning courses each semester enrolled in high school.

**Cum Laude** (“with honor”) - This is the third highest recognition awarded at graduation. To graduate *cum laude*, a student must achieve a GPA of at least a 3.75 but less than a 4.00 on a 4.00 weighted scale AND have passed a minimum of five, mark-point earning courses each semester enrolled in high school.

**Appeals:**

Parents may appeal the requirements to earn graduation honors to the building principal if unique circumstances exist (e.g. serious illness preventing full-time enrollment in school). The principal will make the final determination in these circumstances; and, rarely will appeals be granted.

## Summary Of University Of Nebraska System Course Requirements For Admission

- Students MUST check their specific universities & colleges of interest carefully & closely. Listed below ONLY represents the minimum requirements for the entire UN system; UNL, UNO, and UNK are not identical in requirements.

| Category                         | *Units | Minimum Requirements  |
|----------------------------------|--------|---|
| English                          | 4      | All units must include intensive reading and writing experience   |
| Mathematics                      | 3      | Algebra I, Geometry, Algebra II (Note: UNL requires one additional unit of math building on Algebra II)   |
| Social Studies                   | 3      | Units that include one unit of American or World History and one additional unit of History, American Government or Geography   |
| Natural Sciences                 | 3      | At least two units selected from Biology, Chemistry, Physics, & Earth Sciences. (One of the above units must include laboratory instruction)  |
| Foreign Language                 | **2    | Both units must be in the same language   |
| Additional Academic Requirements | 1      | UNK & UNO – one unit chosen from any core academic discipline<br>UNL Mathematics – One additional unit that builds on a knowledge of Algebra II (Algebra 3, Prob/Stats, Pre-Calc, Calculus) |
| Total Units                      | 16     | *Unit = 1 year or 2 PLCS semesters  |

\*\* In the Spring of 2024, the Nebraska Board of Regents voted to allow each university within the system to make its own decision about requiring Foreign Language to matriculate. The University of Nebraska at Omaha (UNO) chose to immediately drop this requirement. As of publication of this Course Registration Guide, neither the University of Nebraska-Lincoln (UNL) or Kearney (UNK) had followed suit. **Students must research their universities & colleges of interest to learn of the specific requirements.**

- Students who are unable to take two years of foreign language in high school may still qualify for admission through a special process.
- These students may be required to take two semesters of foreign language at the University of Nebraska.
- These students must also complete 16 units of academic coursework from the categories listed above.

Note: Other universities may have different requirements.

## **NCAA Eligibility**

- It is critical that students and their families work with us to educate themselves on NCAA Eligibility.
- [See the NCAA website for most current information](https://www.ncsasports.org/ncaa-eligibility-center/ncaa-core-courses) (linked here) or go to <https://www.ncsasports.org/ncaa-eligibility-center/ncaa-core-courses>.
  - [Division 1 & 2 Core \(by NCAA Definition\) Requirement Worksheets](#)
- For any NCAA or NAIA academic eligibility questions, please contact the high school directly.

## **NAIA Eligibility**

The NAIA does not have any core course requirements and eligibility can be determined as early as the summer following a student's junior year. The NAIA Eligibility Center will determine eligibility based on high school grades and sometimes SAT/ACT scores, class rank, and/or dual credit. Rules can differ for GED students, home school students, or students who took time off between high school and the NAIA. **Register at [PlayNAIA.org](https://www.playnaia.org) to access details in your resources menu.**

A student **may apply** to the NAIA Eligibility Center at any time during their high school years. There is a registration fee for applying to the NAIA Eligibility Center. It is recommended potential NAIA student athletes visit with a guidance counselor prior to registering for junior year classes. NAIA Eligibility Center registration is recommended at the end of the senior year if committed to play an NAIA sport. This application may be completed online at [PlayNAIA.org](https://www.playnaia.org). The student must have his/her ACT or SAT scores sent to the NAIA Eligibility Center. **The NAIA Eligibility Center institution code is 9876.**

# **Business, Marketing & Information Technology**

**Course Title:** INTRODUCTION TO BUSINESS, MARKETING, AND MANAGEMENT  
**Course Number:** BU30  
**Duration:** One Semester/One Credit  
**Grade:** 9-12

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course is designed as an introductory overview of the Business, Marketing and Management Career Field. The course introduces students to business, marketing, and management. Units of study include the following: the scope and function of business including economics, financial management, marketing, management and leadership; business ownership; and, entrepreneurship.

**Course Title:** INFORMATION TECHNOLOGY 1  
**Course Number:** BU54  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course provides students with opportunities to develop knowledge & skills in the areas of emerging technologies. These understandings can be applied throughout other high school courses, college, and career. Students will engage in learning over the following topics: digital citizenship, document processing, and spreadsheet applications.

**Course Title:** INFORMATION TECHNOLOGY 2  
**Course Number:** BU55  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Prerequisites:** Information Technology 1 (BU54)  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this advanced course builds on information technology knowledge gained in Information Technology 1. Students will improve skills in document processing, spreadsheet applications, and database construction. Microsoft Office Specialist Certification may be available with additional tests in Word, Excel, PowerPoint and Access.

**Course Title:** DIGITAL DESIGN  
**Course Number:** BU57  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Note:** This course will fulfill the graduation requirement for Computer Science.  
Not open for students who have already earned credit for Digital Media.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Digital Design is a project-based course that explores communicating through digital platforms. Students will use a variety of digital tools to create examples of photo manipulation, animation, audio production, video production, and web design.

## Business, Marketing & Information Technology (continued)

**Course Title:** BUSINESS MANAGEMENT AND LEADERSHIP  
**Course Number:** BU02  
**Duration:** One Semester/One Credit  
**Grade:** 10-12

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course is designed for students who are interested in a career in management or business leadership. Students will investigate management issues involved in planning, organizing, controlling, and leading an organization. It emphasizes the basic concepts of entrepreneurship, management and leadership within the business organization, characteristics, organization, and operation of business as a major sector of the economy.

**Course Title:** BUSINESS AND PERSONAL LAW  
**Course Number:** BU21  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Business and Personal Law will introduce the student to the basics of our legal system. Students will develop a better understanding of their rights as minors and adults. Criminal and civil law will be introduced, and court procedures will be discussed. Additional units include Family Law, Banking and Credit, Employment, and Contracts.

**Course Title:** MARKETING 1A  
**Course Number:** BU31  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Note:** Students who register for Marketing 1A should also register for Marketing 1B in concurrent semesters.

Based on the NDE 2023-2024 CTE Course Standards and Programs of Study, Marketing 1A is an introductory course in the study of the foundations and functions of marketing. Basic topics covered include the following: fundamentals of marketing, marketing information and management, and selling. Students interested in business, preparing for a college business major, or full-time employment will benefit from this course. Students will learn the importance of marketing to succeed in the business environment as a professional. This course provides engaging activities that encourage collaboration and real-world connections. Students will have the opportunity to apply current technologies to marketing activities and projects.

Business courses provide students the opportunity to join DECA, a co-curricular association of business, marketing, finance, and management students.

## Business, Marketing & Information Technology (continued)

**Course Title:**           **MARKETING 1B**  
**Course Number:**       BU34  
**Duration:**             One semester/One credit  
**Grade:**                 10-12  
**Prerequisites:**       Marketing 1A  
**Note:**                 Students who register for Marketing 1A must register for Marketing 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Marketing 1B builds on foundations and functions of marketing in Marketing 1A. Topics developed further include the following: marketing economics, free enterprise, sales training, human relations, product development, advertising, buying and pricing principles, markets and market identification. Students interested in business, preparing for a college business major or full-time employment will benefit from this course. Students will learn the value of marketing and today's attitudes to succeed in the business environment as a professional. Guest speakers, projects and team activities are included in this course curriculum. Students will have the opportunity to apply computer and related technologies to marketing activities and projects. DECA is an association of marketing students. This youth organization prepares its members to be America's future leaders in the fields of marketing, merchandising, management and entrepreneurship. Any student in a marketing class is eligible to join DECA.

**Course Title:**           **MARKETING 2A**  
**Course Number:**       BU32  
**Duration:**             One Semester/One Credit  
**Grade:**                 11-12  
**Prerequisites:**       Marketing 1B  
**Note:**                 Runs ONLY in the Fall Semester  
Students who register for Marketing 2A must register for Marketing 2B in concurrent semesters.

Based on the NDE 2023-2024 CTE Course Standards and Programs of Study, Marketing 2A is the second-year course in the marketing program and is specifically designed for students interested in entering a marketing or business occupation. The course works closely with local business partners to design a marketing plan. This is an excellent course for college-bound marketing or business majors, as well as a student preparing for full-time employment after high school. Emphasis is placed on the development and improving of attitudes, skills, and understanding related to careers in marketing, merchandising, and management. Marketing areas include the following: professional skills, marketing information management, and market planning.

**Course Title:**           **MARKETING 2B**  
**Course Number:**       BU35  
**Duration:**             One Semester/One Credit  
**Grade:**                 11-12  
**Prerequisites:**       Marketing 2A  
**Note:**                 Runs ONLY in Spring Semester  
Students who register for Marketing 2B must also register for Marketing 2A in concurrent semesters.

Based on the NDE 2023-2024 CTE Course Standards and Programs of Study, Marketing 2B is the second-year course in the marketing program and is specifically designed for students interested in entering a marketing or business occupation. The course works closely with local business partners to design a marketing plan. This is an excellent course for college-bound marketing or business majors, as well as a student preparing for full-time employment after high school. Emphasis is placed on the development and improving of attitudes, skills, and understanding related to careers in marketing, merchandising, and management. Marketing areas include the following: channel management, marketing industries, and marketing shadowing experience.

## Business, Marketing & Information Technology (continued)

**Course Title:** ACCOUNTING 1A  
**Course Number:** BU10  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Note:** Students who register for Accounting 1A should also register for Accounting 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this introductory accounting course focuses on modern accounting principles used in all businesses and needed within various business, finance, and economics fields. Through small business ownership simulation, students learn basic business terminology, modern record keeping, and careers associated with accounting. This course is highly recommended for any student intending to study business in a post-secondary institution or desiring to seek employment in a business-related occupation directly out of high school.

**Course Title:** ACCOUNTING 1B  
**Course Number:** BU13  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Prerequisite:** Accounting 1A  
**Note:** Students who register for Accounting 1A should also register for Accounting 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this extension of Accounting 1A focuses on modern accounting principles used in all businesses and needed within various business, finance, and economics fields. Through corporate business ownership simulation, students apply concepts learned in Accounting 1A. This course is highly recommended for any student intending to study business in a post-secondary institution or desiring immediate employment in a business-related occupation directly out of high school.

**Course Title:** PERSONAL FINANCE  
**Course Number:** BU40  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Note:** This course is required for the Class of 2027 and beyond. It is recommended for upperclassmen.

Based on the NDE 2019 Economics Strand of the Social Studies Standards, this course is designed to teach students the knowledge & skills necessary to manage their financial resources and responsibilities. Students will develop understanding in the following areas of financial literacy: money management, banking services, budgeting, decision making, creating financial goals, career opportunities, taxes, borrowing, using credit, insurance, and investing.

## **Business, Marketing & Information Technology (continued)**

**Course Title:** PERSONAL FINANCE (ONLINE)  
**Course Number:** BU42  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Note:** This course fulfills the requirement for the Class of 2027 and beyond. It is recommended for upperclassmen.

Based on the NDE 2019 Economics Strand of the Social Studies Standards, this course is designed to teach students the knowledge & skills necessary to manage their financial resources and responsibilities. Students will develop understanding in the following areas of financial literacy: money management, banking services, budgeting, decision making, creating financial goals, career opportunities, taxes, borrowing, using credit, insurance, and investing.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

**Course Title:** GENERAL COMPUTER SCIENCE  
**Course Number:** CP11  
**Duration:** One Semester/One Credit  
**Grades:** 9-12  
**Note:** This course will fulfill the graduation requirement for Computer Science

**Course Description:** Based on Nebraska Revised Statute 79-3303, Computer Science will build knowledge and skills regarding computer literacy, educational technology, digital citizenship, information technology, and computer science. This beginning course starts the NDE Computer Science Pathway for NDE's Program of Study in Communication and Information Systems. Students can expect to engage in the following modules of study: Digital Citizenship, Data, Problems & Solutions, Programming & Debugging, and Networking.

**Course Title:** GENERAL COMPUTER SCIENCE (ONLINE)  
**Course Number:** CP12  
**Duration:** 1 Semester/1 Credit  
**Grade:** 9-12  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Based on Nebraska Revised Statute 79-3303, Computer Science will build knowledge and skills regarding computer literacy, educational technology, digital citizenship, information technology, and computer science. This beginning course starts the NDE Computer Science Pathway for NDE's Program of Study in Communication and Information Systems. Students can expect to engage in the following modules of study: Digital Citizenship, Data, Problems & Solutions, Programming & Debugging, and Networking.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

## **Business, Marketing & Information Technology (continued)**

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>PROJECT LEAD THE WAY (PLTW) COMPUTER SCIENCE PRINCIPLES</b>           |
| Course Number:       | CP13   |
| Duration:            | Two Semesters/Two Credits  |
| Grades:              | 9-12   |
| Note:                | This course will fulfill the graduation requirement for Computer Science |

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Students will complete projects and problems that include app development, visualization of data, cybersecurity, and simulation. This course is best suited for students with acute interest in computer science and/or post-secondary computer science pursuits.

## **Communication Arts**

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>CREATIVE WRITING 1</b>                              |
| Course Number:       | CA20   |
| Duration:            | One Semester/One Credit                                |
| Grade:               | 10-12  |
| Note:                | Does NOT fulfill requirement for English Language Arts |

Creative Writing 1 is an elective course designed to introduce students to various forms of creative writing and to familiarize students with the writing workshop process. This course will specifically focus on the writing of short stories and poetry. Students should be prepared to write daily. Students should be prepared to present and share their writing with their peers, read and constructively comment on the work of others, and submit their work for print and internet publication. Students will read professional or published works to learn from other writers.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>CREATIVE WRITING 2</b>                              |
| Course Number:       | CA21   |
| Duration:            | One Semester/One Credit                                |
| Grade:               | 10-12  |
| Prerequisites:       | Creative Writing 1                                     |
| Note:                | Does NOT fulfill requirement for English Language Arts |

Creative Writing 2 is an advanced elective course designed to deepen students' understanding of the writing process. Students will work to develop their skills in four core areas—Premise to Plot, Character and Conflict, Creating a Sense of Place, and Writing for the Big Picture—with the intent of creating works of greater length and complexity. Students should be prepared to write daily in a variety of genres and styles for the purpose of developing ideas and sharpening language skills. Students will present and share their writing with peers, will read and constructively comment on the work of others, and will prepare work for professional submission. In addition, students will gain exposure to the works of established writers.

## Communication Arts (continued)

**Course Title:** DEBATE 1  
**Course Number:** CA30  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Note:** Does NOT fulfill requirement for English Language Arts

Debate 1 is a semester course designed to introduce students to the theory and practice of academic debate. The course will focus on argumentation, research, and delivery skills. In-class debate will be used to measure student understanding and application of skills. Students who enjoy competitive debate may choose to join the debate team, but doing so is not mandatory for this course

**Course Title:** DEBATE 2  
**Course Number:** CA31  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** Debate 1  
**Note:** Does NOT fulfill requirement for English Language Arts

Advanced debaters will refine the skills acquired in Debate 1 and will be expected to participate in extracurricular debate activities at least twice per semester. In addition, advanced debaters will participate in independent collaborative projects, advanced researching activities, and novice mentoring and guidance.

**Course Title:** DEBATE 3  
**Course Number:** CA32  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Prerequisites:** Debate 2  
**Note:** Does NOT fulfill requirement for English Language Arts

Debate 3 will provide the opportunity for advanced debaters to develop techniques that were refined in Debate 2 through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to participate in extracurricular debate at least twice a semester.

**Course Title:** DEBATE 4  
**Course Number:** CA33  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12  
**Prerequisites:** Debate 3  
**Note:** Does NOT fulfill requirement for English Language Arts

Debate 4 will provide the opportunity for advanced debaters to develop techniques that were refined in Debate 3 through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to compete in several tournaments and to judge at one tournament.

## Communication Arts (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>SPEECH 1</b>   |
| Course Number:       | CA46  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 9-12  |
| Note:                | Does NOT fulfill requirements for English Language Arts (for Co-Curricular Component). If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions. |

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 1 is designed for students who wish to practice public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then Speech 1 students will be required to participate in competition throughout the year.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>SPEECH 2</b>   |
| Course Number:       | CA47  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10-12   |
| Prerequisites:       | Speech 1 or participation on a competitive speech (or forensics) team   |
| Note:                | Does NOT fulfill requirements for English Language Arts (for Co-Curricular Component). If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions. |

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 2 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 2 will be required to participate in competitions & judging throughout the year.

## Communication Arts (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>SPEECH 3</b>   |
| Course Number:       | CA48  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 11-12   |
| Prerequisites:       | Speech 2 or participation on a competitive speech (or forensics) team   |
| Note:                | Does NOT fulfill requirements for English Language Arts (for Co-Curricular Component). If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions. |

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 3 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 3 will be required to participate in competitions & judging throughout the year.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>SPEECH 4</b>   |
| Course Number:       | CA49  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 12  |
| Prerequisites:       | Speech 3 or participation on a competitive speech (or forensics) team   |
| Note:                | Does NOT fulfill requirements for English Language Arts (for Co-Curricular Component). If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions. |

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 4 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 4 will be required to participate in competitions & judging throughout the year.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>JOURNALISM 1</b>                                    |
| Course Number:       | CA60   |
| Duration:            | One Semester/One Credit                                |
| Grade:               | 9-12   |
| Note:                | Does NOT fulfill requirement for English Language Arts |

Journalism 1 is a preparatory class for students wishing to work on the school news publication or yearbook. Coursework focuses on defining news, interviewing, writing for publication, editing, capturing photojournalistic images and designing layouts. The course also includes current events, communication and critical analysis of the mass media. The successful completion of this course is needed for students who wish to take Journalism: News Magazine/Web or Journalism: Yearbook.

## Communication Arts (continued)

**Course Title:** JOURNALISM: NEWS MAGAZINE/WEB  
**Course Number:** CA61  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** Journalism 1 & Application  
**Note:** Does NOT fulfill requirement for English Language Arts

Building from Journalism 1, the skills application course Journalism: News Magazine/Web functions as a multimedia newsroom, producing print and web news for the student body. Strong writing skills are essential. Opportunities for leadership roles exist. All students will be required to help sell advertisements, as the publications are primarily self-funded. Attendance at events outside the regular school day may be required. Student work may be submitted for national and state contests, including the NSAA-sponsored State Journalism Competition. The course can be repeated for elective credit.

**Course Title:** JOURNALISM: YEARBOOK  
**Course Number:** CA62  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** Journalism 1 & Application  
**Note:** Does NOT fulfill requirement for English Language Arts

Building from Journalism I, the skills application course Journalism: Yearbook focuses on producing the yearbook. Strong photography and design skills are a plus. Opportunities for leadership roles exist. All students will be required to help sell advertisements and books, as the publication is primarily self-funded. Attendance at events outside the regular school day may be required. Student work may be submitted for national and state contests, including the NSAA-sponsored State Journalism Competition. The course can be repeated for elective credit.

**Course Title:** MEDIA STUDIES 1  
**Course Number:** CA64  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Prerequisites:** (Media Academy Course) – Admittance to Media Academy required. These courses are available for both HS's; however, the courses meet at PLHS.  
**Note:** This course will fulfill the graduation requirement for Computer Science.

This course is designed to help students explore a variety of media including broadcast, video, audio, Internet, mobile, cross-platform media, and print. Students will learn about the power of the media and its historical development, current trends, and future innovations. Legal and ethical standards will be introduced as students begin the writing, filming, and editing processes through hands-on opportunities with equipment and software.

## Communication Arts (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>MEDIA STUDIES 2</b>  |
| Course Number:       | CA65  |
| Duration:            | One Semester/One Credit   |
| Grade:               | 9-12  |
| Prerequisites:       | Media Studies 1 (Media Academy Course) – Admittance to Media Academy required.<br>These courses are available for both HS's; however, the courses meet at PLHS. |
| Note:                | This course will fulfill the graduation requirement for Computer Science.   |

This course is designed to help students explore careers while working together to create projects in a variety of media such as web, broadcast, design, and live-streaming over the Internet. The emphasis of Media Studies 2 is on collaboration and career exploration.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>MEDIA PRODUCTION 1</b>   |
| Course Number:       | CA66  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10-12   |
| Prerequisites:       | Media Studies 2 (Media Academy Course) – Admittance to Media Academy required.<br>These courses are available for both HS's; however, the courses meet at PLHS. |
| Note:                | This course will fulfill the graduation requirement for Computer Science.   |

This course will help students apply their media skills of interviewing, reporting, writing, editing, videography, and design. Students will continue their exploration of media and will focus more intently upon the production process through exploration of a variety of video styles and outlets. News, sports, short film, commercial, and documentary styles will be explored. Hands on opportunities with equipment and software will be provided. The emphasis of this course will be to work both independently and collaboratively to create a professional product while meeting deadlines.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>MEDIA PRODUCTION 2</b>   |
| Course Number:       | CA67  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 11-12   |
| Prerequisites:       | Media Production 1(Media Academy Course) – Admittance to Media Academy required.<br>These courses are available for both HS's; however, the courses meet at PLHS. |
| Note:                | This course will fulfill the graduation requirement for Computer Science.   |

This course will help students apply their media skills of interviewing, reporting, writing, editing, videography, design, and live event execution. Students will develop their leadership, directorial, and production skills in this course. They will serve as production leaders, producers, project managers, and troubleshooters. The emphasis of this course is to develop leaders who can plan and execute independent projects and coordinate long-term projects.

## Communication Arts (continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>MEDIA PRODUCER</b>  |
| Course Number:       | CA68   |
| Duration:            | 2 semesters/2 credits or 1 semester/1 credit; P/NP Only  |
| Grade:               | 11-12  |
| Prerequisites:       | Media 1 and 2 Production + Instructor Approval & Media Academy Admittance Required. These courses are available for both HS's; however, the courses meet at PLHS.          |
| Note:                | Enrollment in this course generates a Pass/No Pass denotation. The course does NOT count as one of 5 mark-point earning courses needed per semester for Laude recognition. |

A qualified Student Producer will:

- Have successfully completed Media Studies 1, Media Studies 2, and Media Production 1.
- Have regularly met deadlines on assignments and projects.
- Have volunteered for assistant leadership positions in previous years.
- Have completed a written application and an interview with the instructor.
- Have shown an understanding of the responsibilities involved with being a Student Producer and expressed a strong desire to succeed in the role.

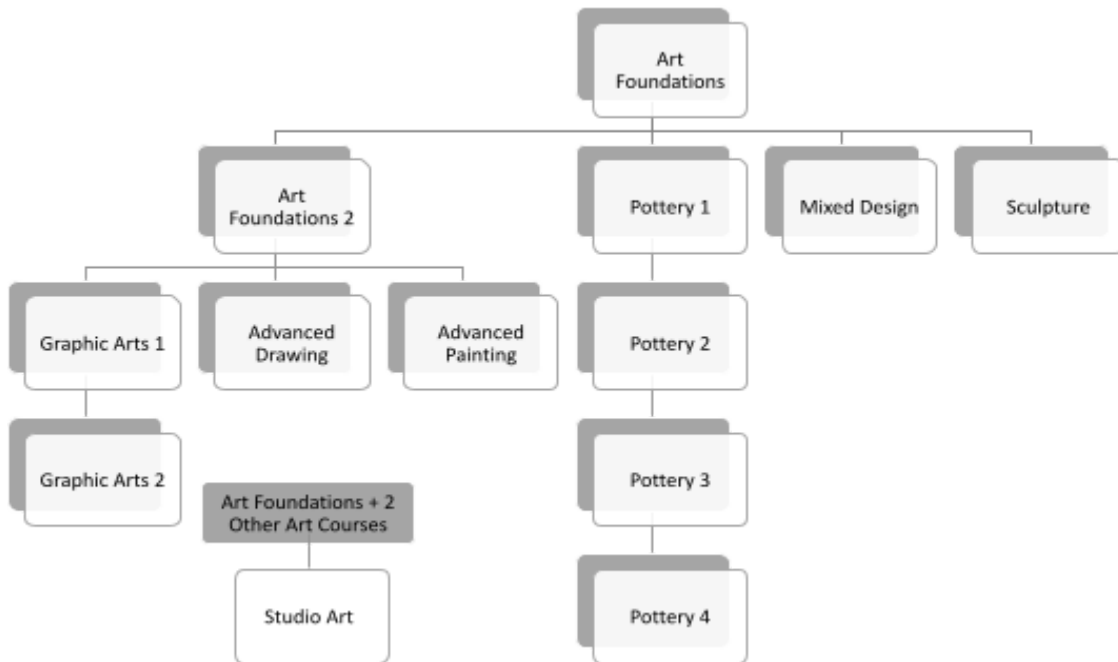
A Student Media Producer may:

- Assume the role of producer at an athletic season's live events (recruit and assign crew, lead trouble-shooting, manage contact with travel locations, communicate with the teacher regarding transportation and any potential issues with a live event).
- Coordinate special events in the role of a producer, including post-production
- Work with the teacher in a section of Media Studies 1 and 2.
- Get to know new crew members and assist in their training (camera operation, equipment maintenance, videography, teamwork, scriptwriting, editing).
- Facilitate team building and fraternity and sorority amongst the students in Media Academy.



# Fine Arts

## Fine Arts Pathways



**Course Title:** ART FOUNDATIONS 1  
**Course Number:** FA71  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$15

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Art Foundations 1 is a course designed to develop basic knowledge and skills in media technique and composition. Topics studied will include the following: Basic Art Elements, Drawing Fundamentals, Introduction to the Color Wheel, Fundamentals of 3-Dimensional Art. Students will learn through direct instruction and hands-on application of newly-acquired knowledge and skill.

**Course Title:** ART FOUNDATIONS 2  
**Course Number:** FA72  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Art Foundations 2 is a course designed to expand on basic knowledge and skills in media technique and composition learned in Art Foundations 1. This course will further explore the Principles of Art and expand upon the Elements. Students will learn through direct instruction and hands-on application of previously-acquired knowledge and skill.

## Fine Arts (continued)

**Course Title:** MIXED DESIGN  
**Course Number:** FA73  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Mixed Design investigates diverse art making experiences and explores various art forms and approaches. This course will bring freedom and confidence to your creative practice.

**Course Title:** ADVANCED PAINTING  
**Course Number:** FA74  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 2

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Advanced Painting will focus on the application of various painting media and advanced techniques. Students will execute a variety of processes from conceptualization and planning to production and reflecting and critiquing.

**Course Title:** ADVANCED DRAWING  
**Course Number:** FA75  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 2

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Advanced Drawing will focus on the application of various drawing media and advanced techniques. Students will execute a variety of processes from conceptualization and planning to production and reflecting and critiquing.

**Course Title:** GRAPHIC ARTS 1  
**Course Number:** FA29  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Prerequisites:** Art Foundations 2  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Graphic Arts 1 combines art and technology to plan and create digital artwork to communicate ideas and messages. Students will create and design using industry standard software such as Adobe Photoshop and Illustrator and beyond. A digital portfolio will be built throughout the semester.

## Fine Arts (continued)

**Course Title:** GRAPHIC ARTS 2  
**Course Number:** FA16  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Prerequisites:** Graphic Arts 1  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Graphic Arts 2 is an advanced course that builds on knowledge and skills learned in Graphic Arts 1. Students will use industry standard software to solve real world design challenges and opportunities to expand their digital portfolio.

**Course Title:** STUDIO ART  
**Course Number:** FA76  
**Duration:** One Semester/One Credit (repeating course)  
**Grade:** 11-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 2 + 2 semesters of other Art courses (Recommended: Junior & Senior Year)

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Studio Art is a course offering for the serious art student interested in building a mastery level portfolio. This course promotes a sustained investigation of all three aspects of portfolio development; quality, variety and concentration. Studio is a semester-long course that can be repeated.

**Course Title:** SCULPTURE  
**Course Number:** FA80  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Sculpture allows students to experiment with 3-D and relief sculpture in a variety of media. Students will study how sculpture has been approached by artists in different cultures throughout history.

**Course Title:** POTTERY 1  
**Course Number:** FA60  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$15  
**Prerequisites:** Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 1 is a course in which basic techniques of hand building and wheel throwing will be taught. Students will become familiar with pottery traditions, techniques, and pottery artists as well. They will learn about different clay bodies and glaze techniques.

## Fine Arts (continued)

**Course Title:** POTTERY 2  
**Course Number:** FA61  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Fees:** \$15  
**Prerequisite:** Pottery 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 2 is a course with emphasis on advanced wheel throwing and upper level hand building /sculptural techniques. Glaze layering and kiln firing will also be further developed. Students will learn historical and multicultural approaches to pottery form and function.

**Course Title:** POTTERY 3  
**Course Number:** FA62  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Fees:** \$15  
**Prerequisite:** Pottery 2

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 3 is a course in which the student potter will use diverse aesthetic approaches to problem solve how pottery can be functional or “fine” art. Students will specialize in both wheel throwing, hand building and combination techniques. This class is intended for students seeking more detailed and shape oriented outcomes.

**Course Title:** POTTERY 4  
**Course Number:** FA63  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Fees:** \$15  
**Prerequisite:** Pottery 3

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 4 is a course set up for students with highly advanced throwing and hand building skills. This class is intended for potters with a strong work ethic and independent thinking. Projects will include larger pieces of both wheel thrown and hand built techniques. Emphasis will be placed on creating a higher skill level of finished glazing and slip manipulation.

## Drama

**Course Title:** DRAMA 1  
**Course Number:** FA50  
**Duration:** One Semester/One Credit. Typically, offered 1st semester only.  
**Grade:** 9-12  
**Note:** Students are encouraged to register for Drama 1 and Drama 2 as a year block (two semesters/two credits)

Aligned with the National Core Arts Standards for Theatre, Drama 1 is for students interested in theatre and acting. The course is designed to provide students an overview of theatre and theatre technology. Units of study include: theatre terminology, the history of theatre, acting techniques, and basic stage make-up. Students can expect to learn through direct instruction and performance—including improvisation, pantomime, and rote memorization.

## Drama (continued)

**Course Title:** DRAMA 2  
**Course Number:** FA51  
**Duration:** One Semester/One Credit. Typically, offered 2nd semester only.  
**Grade:** 9-12  
**Prerequisites:** Drama 1  
**Notes:** Students are encouraged to register for Drama 1 and Drama 2 as a year block (two semesters/two credits).  
This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Drama 2 is for students interested in extending their learning of acting and theatre techniques. The course is designed to provide students a deeper dive into theatre. Units of study may include: show production, auditioning, and play writing, and/or devised theatre. Students can expect to learn through direct instruction and performance—including improvisation, group scenes, and rote memorization. All students will be expected to participate in a one-act production outside the school day.

**Course Title:** DRAMA 3  
**Course Number:** FA52  
**Duration:** One Semester/One Credit. Offered 2nd semester only.  
**Grade:** 10-12  
**Prerequisites:** Drama 2  
**Note:** This course is co-curricular; it requires a commitment outside of the school day.

Aligned with the National Core Arts Standards for Theatre, Drama 3 is for students interested in advancing their learning of acting and theatre techniques in preparation for Play Production. The course is designed to provide students an opportunity to devise their own production under teacher guidance. All students will be expected to participate in a one-act production outside the school day.

**Course Title:** BACKSTAGE THEATRE TECHNOLOGY (STAGECRAFT)  
**Course Number:** FA53  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** None  
**Notes:** Unless transferring in with comparable experience, students will not be able to start this course at the start of second semester. It is recommended that students taking this class for the first time do so for the full year (two semesters, two credits).  
This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Backstage Theatre Technology is for students who enjoy the idea of doing hands-on, behind the scenes work of theatre. Students can expect to design and build all aspects of school productions, such as, but not limited to, the following: set construction, light & sound design, costumes, props, hair, make-up, stage management. All students will be expected to complete a minimum of eight hours outside of the school day. This course can be repeated for elective credit.

## Drama (continued)

**Course Title:** PLAY PRODUCTION  
**Course Number:** FA54  
**Duration:** Two Semester/Two Credits  
**Grade:** 10-12  
**Fee:** \$20 is allowable in PLCS policy 3307  
**Notes:** Students must audition.  
Drama 1 and Drama 2 are recommended but not required.  
This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Play Production is for students interested in mastering their learning of theatre. The course is designed to provide students opportunities to produce full theatrical, extra-curricular shows. This course can be repeated for elective credit.

**Course Title:** DRAMA STUDENT DIRECTING  
**Course Number:** FA55  
**Duration:** One Semester/One Credit (Offered second semester only)  
**Grade:** 11-12  
**Notes:** Teacher approval required. This course is co-curricular and requires a commitment outside of the school day.  
**Enrollment in this course does NOT count as one of 5 mark-point earning courses needed per semester for Laude recognition.**

Aligned with the National Core Arts Standards for Theatre, Student Directing is for students acutely interested in the process of theatrical directing. The course is designed to be an authentic, hands-on approach to students learning by directing their own one-act plays. Students will experience the process of casting, directing, and producing a show. This will require some time outside the typical school day.

## Instrumental Music

Band is a year-long course divided up into several different sections. Students must register for one band class each semester order to participate in the class

**Course Title:** JUNIOR VARSITY BAND  
**Course Number:** FA30  
**Duration:** One Semester/One Credit (Offered fall semester only)  
**Grade:** 9, 10-12 with approval  
**Fees:** All consumable items, Fall Band fee, marching band uniform maintenance fee for students wanting to participate in marching activities such as summer parades and football game pre show, instrumental rental fee (if using a school-owned instrument). An Activity Ticket is required to participate. Members of the Junior Varsity Band may have the opportunity to travel with the band out of state for a competition, requiring additional costs.  
**Intended for:** All incoming 9th grade students with prior band experience and those 10-12 grade students not able to meet the requirements of Varsity Marching Band.

Junior Varsity Band is open to all instrumental students with prior band experience. During the entire semester students will meet as a concert band and work on fundamentals on their instrument along with studying concert band literature. A concert for Junior Varsity Band will be held in December. Students who wish to participate in marching activities such as summer parades and football game pre show will rehearse with the Varsity Band during zero-hour when scheduled.

## Instrumental Music (Continued)

### Course Title: VARSITY BAND

|                |  |
|----------------|--|
| Course Number: | FA31   |
| Duration:      | One Semester/One Credit (Offered fall semester only)   |
| Grade:         | 10-12 (9th grade by audition only)   |
| Fees:          | All consumable items, a combined summer and fall band fee, or color guard fee, marching band uniform maintenance fee, instrumental rental fee (only if using a school-owned instrument). An Activity Ticket is required to participate. The Varsity Band may have the opportunity to travel out of state for a competition, requiring additional cost. |
| Prerequisites: | Audition requirements or approval by Band Director   |
| Intended for:  | All students with previous band experience.  |

During the first nine weeks of school, the band will meet as a marching band. The Marching Band performs at all home football games and several marching competitions. After the marching season, concert season begins. A concert for Varsity Band will be held in December. Participation in summer band rehearsals, summer band camp, zero-hour rehearsals and one evening rehearsal per week are required.

### Course Title: CONCERT BAND

|                |   |
|----------------|---|
| Course Number: | FA35  |
| Duration:      | One Semester/One Credit (Offered spring semester only)  |
| Grade:         | 9-10(11-12 if schedule conflicts and with approval by band director, counselor and administration)  |
| Prerequisites: | Participation in Varsity Marching Band (FA31) or Junior Varsity Band (FA30) during the first semester and with approval by the band director. |
| Intended for:  | All students with previous band experience.   |

The Concert Band consists of freshman and sophomore students with rare exceptions made for junior and senior students who may have conflicts with scheduling or have limited experience in band. The Concert Band will perform two concerts during the second semester. Students may also have the opportunity to perform at a concert band festival. Students in Concert Band will also perform for the Commencement ceremony in May.

### Course Title: SYMPHONIC BAND

|                |   |
|----------------|---|
| Course Number: | FA34  |
| Duration:      | One Semester/One Credit (Offered spring semester only)  |
| Grade:         | 11-12(9-10 if schedule conflicts or as needed for instrumentation with approval by band director, counselor and administration)               |
| Prerequisites: | Participation in Varsity Marching Band (FA31) or Junior Varsity Band (FA30) during the first semester and with approval by the band director. |
| Intended for:  | All students with previous band experience  |

The Symphonic Band consists of juniors and senior students with rare exceptions made for freshman and sophomore students who may have conflicts with scheduling or as needed for instrumentation with approval by the band director, counselor, and administration. The Symphonic Band will perform two concerts during the second semester. Students may also have the opportunity to perform at a concert band festival. This course can be repeated for elective credit.

# Vocal Music

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>9TH GRADE CHOIR</b>   |
| Course Number:       | FA68   |
| Former Course:       | Mixed Chorus (FA41)  |
| Duration:            | Two Semesters/Two Credits (may be added or dropped at semester)  |
| Grade:               | 9th  |
| Note:                | An activity ticket is required to participate in competition. Students in select groups will pay for their own costumes. |

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, 9th Grade Choir is open to all 9th grade students who have the desire to sing in a large choral ensemble. The course content will include instruction for successfully reading and performing choral music, with the intent of preparing the student for participation in Mixed Chorus. The 9th Grade Choir will perform in 2-3 concerts throughout the school year. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titan Revolution and Titan Express show choirs.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>MIXED CHORUS</b>   |
| Course Number:       | FA69  |
| Former Course:       | Concert Choir (FA47)  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10-12   |
| Fees:                | An activity ticket is required to participate in competition. Students in select groups pay for their own costumes. |

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Mixed Chorus is open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. The Mixed Chorus will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Mixed Chorus will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titan Revolution, Titan Express and Titan Radiance show choirs. This course can be repeated for elective credit.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>CONCERT CHOIR</b>  |
| Course Number:       | FA67  |
| Former Course:       | Varsity Choir (FA48)  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10-12   |
| Fees:                | An activity ticket is required to participate in competition. Students in select groups pay for their own costumes. |
| Note:                | Audition Required   |

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Concert Choir is an auditioned ensemble open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. Concert Choir will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Concert Choir will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titanium show choir. This course can be repeated for elective credit.

## Vocal Music (Continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>TREBLE CHOIR</b>  |
| Course Number:       | FA64   |
| Former Course:       | Varsity Treble Choir   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 10-12  |
| Fees:                | An activity ticket is required to participate in competition. Students in select ensembles pay for their own costumes. |
| Note:                | Successful Audition  |

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Treble Choir is an auditioned ensemble open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. Treble Choir will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Treble Choir will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Radiance show choir. This course can be repeated for elective credit.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT MUSIC THEORY</b>  |
| Course Number:       | FA42  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 11-12   |
| Note:                | The College Board recommends students have the ability to read and write musical notation and possess basic voice or instrument performance skills.<br>Concurrent enrollment required in band or choir. |

AP Music Theory is a college curriculum that corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight-singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

## Hospitality, Health Science & Human Services

### Hospitality

|                      |                             |
|----------------------|-----------------------------|
| <b>Course Title:</b> | <b>NUTRITION AND FOOD 1</b> |
| Course Number:       | FS60                        |
| Duration:            | One Semester/One Credit     |
| Grade:               | 9-12                        |
| Fees:                | \$30                        |

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on human food habits and the importance of the six (6) basic nutrients as related to diet and wellness. In addition, food preparation will also be a topic of study. Students can expect to work together to prepare a variety of foods in various lab experiences.

## Hospitality, Health Science & Human Services (continued)

### Health Science

**Course Title:** NUTRITION AND FOOD 2  
**Course Number:** FS61  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$30  
**Prerequisites:** Nutrition and Food 1

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on development of knowledge and skills surrounding food preparation—with a strong emphasis on nutrition and nutritional analysis, balanced diets, and satisfying special dietary needs. The course includes safety and sanitation, proper use of equipment, meal planning and preparation, current food issues, the role of food in the family and global society, and the demonstration of teamwork skills. Students can expect to work with others in various lab settings.

**Course Title:** PRO START CULINARY ARTS 1  
**Course Number:** FS62  
**Duration:** Two Semesters/Two Credits  
**Grade Level:** 11-12  
**Prerequisites:** Nutrition and Food 1  
**Fees:** \$75  
**Note:** Administration may add 10th graders as enrollment allows

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, ProStart Culinary Arts 1 provides preparation for careers in the foodservice and hospitality industry. This year-long course includes skill development in commercial food production, management, and service. Topics of study include foods and nutrition, safety and sanitation standards, and commercial food preparation skills. Students will have opportunities to compete in culinary and management competitions as well as earn industry certification (ServSafe Sanitation Certificate).

**Course Title:** PRO START CULINARY ARTS 2  
**Course Number:** FS63  
**Duration:** Two Semesters/Two Credits  
**Grade Level:** 12  
**Prerequisites:** Pro Start Culinary Arts 1  
**Fees:** \$75  
**Note:** Administration may add 11th graders as enrollment allows

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, ProStart Culinary Arts 2 provides exploration of and preparation for careers in the food service hospitality industry. Topics of study include marketing, purchasing, inventory, cost control, nutrition, and global cuisine. Students will continue developing skills in food production, catering, and customer service. Students will have opportunities to compete in culinary and management competitions as well as earn industry certification.(ServSafe Sanitation Certificate).

## Hospitality, Health Science & Human Services (continued)

**Course Title:** HEALTH SCIENCE 1 - INTRO TO HEALTH CAREERS  
**Course Number:** FS10  
**Course Length:** One Semester/One Credit  
**Grade Level:** 9-12

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Intro to Health Careers focuses on developing an awareness of the various health care skill standards needed for employment in health careers. Introduction to Health Careers is designed to give an overview of the therapeutic, diagnostic, support, health informatics, and biotechnology research systems of the healthcare industry.

**Course Title:** HEALTH SCIENCE 2 - MEDICAL TERMINOLOGY  
**Course Number:** FS65  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Note:** Biology or Honors Biology prior is recommended

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Medical Terminology is designed to help students identify, spell, and define medical terms related to the diagnoses, pathology, and treatment of the major body systems. Students will use this as a basic foundation to all health career pathways. Medical Terminology and Anatomy and Physiology complement each other well. Anatomy and Physiology concentrates on the body functioning properly, while Med Terms concentrates on bodily problems, such as disease and injury.

**Course Title:** EXPLORING THE CLINICAL LAB  
**Course Number:** FS68  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Note:** Biology and Introduction to Health Careers are recommended

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Exploring the Clinical Lab focuses on work performed in a variety of laboratory disciplines: sports medicine, veterinary medicine, medical imaging, pathology, forensic science, dental science, agriculture science, and serology (blood and other body fluids). While conducting the labs, students will investigate the careers related to these disciplines, hone their laboratory procedural skills, sharpen their ability to analyze and communicate data, and examine the legal and ethical dimensions of lab work. Students will also spend time in the community shadowing lab professionals at work.

## Human Services

**Course Title:** HUMAN DEVELOPMENT AND RELATIONSHIPS  
**Course Number:** FS01  
**Duration:** One Semester/One Credit  
**Grade:** 9-12

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course explores an individual's physical, mental, emotional, and social needs through the entire life span. This course includes how to develop positive interactions with families, peers, and society. In addition, students will learn about community resources related to human relationships and family issues. Units of study will include the following: a closer look at you, family, relationships, and community/society.

## Hospitality, Health Science & Human Services (continued)

**Course Title:** EARLY CHILDHOOD DEVELOPMENT 1  
**Course Number:** FS50  
**Duration:** One Semester/One Credit  
**Grade:** 9-12

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course provides students with a basic knowledge of human development from conception through the first year of life. The course includes study of the conditions that influence growth and development from the family and parenting perspective; identification and practice of basic child care techniques; and, exploration of the physical, emotional, social, intellectual, and behavioral characteristics of infants. Units of study include family structures, pregnancy and prenatal care, the first year of life, and preparation for parenthood. Students can expect how to prepare for childcare careers and parenting.

**Course Title:** EARLY CHILDHOOD DEVELOPMENT 2  
**Course Number:** FS51  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Prerequisites:** Early Childhood Development 1

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on human development from toddlers through school age children. The class explores conditions that influence that growth and development from the family and caregiver perspective. The identification and practice of basic child care techniques, exploration of the physical, emotional, social, intellectual, and behavioral characteristics of younger children will help prepare students for childcare careers and parenting. Units of study include creating learning environments & activities, interacting with children in a productive manner. Students can expect how to prepare for childcare careers and parenting.

## English

All Students must successfully complete (8) English credits.

- (2) English 9, Honors English 9
- (2) English 10, Honors English 10
- (2) English 11, Honors English 11 or AP Language and Composition
- (2) English 12 or equivalent

**Course Title:** ENGLISH 9  
**Course Number:** LA09  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

## English (continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>HONORS ENGLISH 9</b>  |
| Course Number:       | LA13   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 9  |
| Note:                | This is a grade-weighted class and recommended for students who may wish to take a future Advanced Placement (AP) English class. |

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this challenging, comprehensive course provides students with an in-depth, rigorous, differentiated experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis as differentiated from the on-level course by content, processes, and products.

|                      |                           |
|----------------------|---------------------------|
| <b>Course Title:</b> | <b>ENGLISH 10</b>         |
| Course Number:       | LA10                      |
| Duration:            | Two Semesters/Two Credits |
| Grade:               | 10                        |

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>HONORS ENGLISH 10</b>   |
| Course Number:       | LA14   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 10   |
| Note:                | This is a grade-weighted class and recommended for students who may wish to take a future Advanced Placement (AP) English class. |

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this challenging, comprehensive course provides students with an in-depth, rigorous, differentiated experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis as differentiated from the on-level course by content, processes, and products.

## English (continued)

**Course Title:** ENGLISH 11  
**Course Number:** LA11  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern American authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

**Course Title:** ADVANCED PLACEMENT LANGUAGE AND COMPOSITION  
**Course Number:** LA74  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11  
**Notes:** Honors English 10 is recommended

This is a grade-weighted course. Students should be aware that they may be required to complete a summer assignment. Please see your instructor for details. This class may be offered as dual enrollment for college credit through a university. Please see your instructor for details

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

**Course Title:** ENGLISH 12 - BRITISH LITERATURE AND COMPOSITION  
**Course Number:** LA45  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12 (may be taken in addition to English 11 in Grade 11)  
**Note:** This course is recommended for students with acute interest and/or 4-year college/university aspirations.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this year-long, challenging, comprehensive course provides college-bound students with an in-depth, rigorous experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of British authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

## English (continued)

**Course Title:** ENGLISH 12 - WORLD LITERATURE AND COMPOSITION  
**Course Number:** LA46  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12 (may be taken in addition to English 11 in Grade 11)  
**Note:** This course is recommended for students with acute interest and/or 4-year college/university aspirations.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this year-long comprehensive course provides college-bound students with an in-depth, rigorous experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

**Course Title:** ENGLISH 12 - ESSENTIAL LITERATURE AND COMPOSITION  
**Course Number:** LA52  
**Duration:** One Semester/One Credit  
**Grade:** 12 (may be taken in addition to English 11 in grade 11)

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of essential authors as influenced by the College Board, college expectations, the American Library Association; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

**Course Title:** ADVANCED PLACEMENT LITERATURE AND COMPOSITION  
**Course Number:** LA73  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12  
**Notes:** Successful completion of AP Language & Composition is recommended  
This is a grade-weighted course. This class may be offered as dual enrollment for college credit through a university. Students should be aware they may be required to complete a summer assignment. Please see your instructor for details.

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

## English (continued)

**Course Title:** ENGLISH 12—21st CENTURY READING AND COMPOSITION  
**Course Number:** LA76  
**Duration:** One Semester/One Credit  
**Grade:** 12 (may be taken in addition to English 11 in grade 11)

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and culturally informational texts from a variety of high-interest, 21st-century authors; writing development through practical, student-relevant modes (i.e. college application essay, college or work resume, movie screenplay) and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

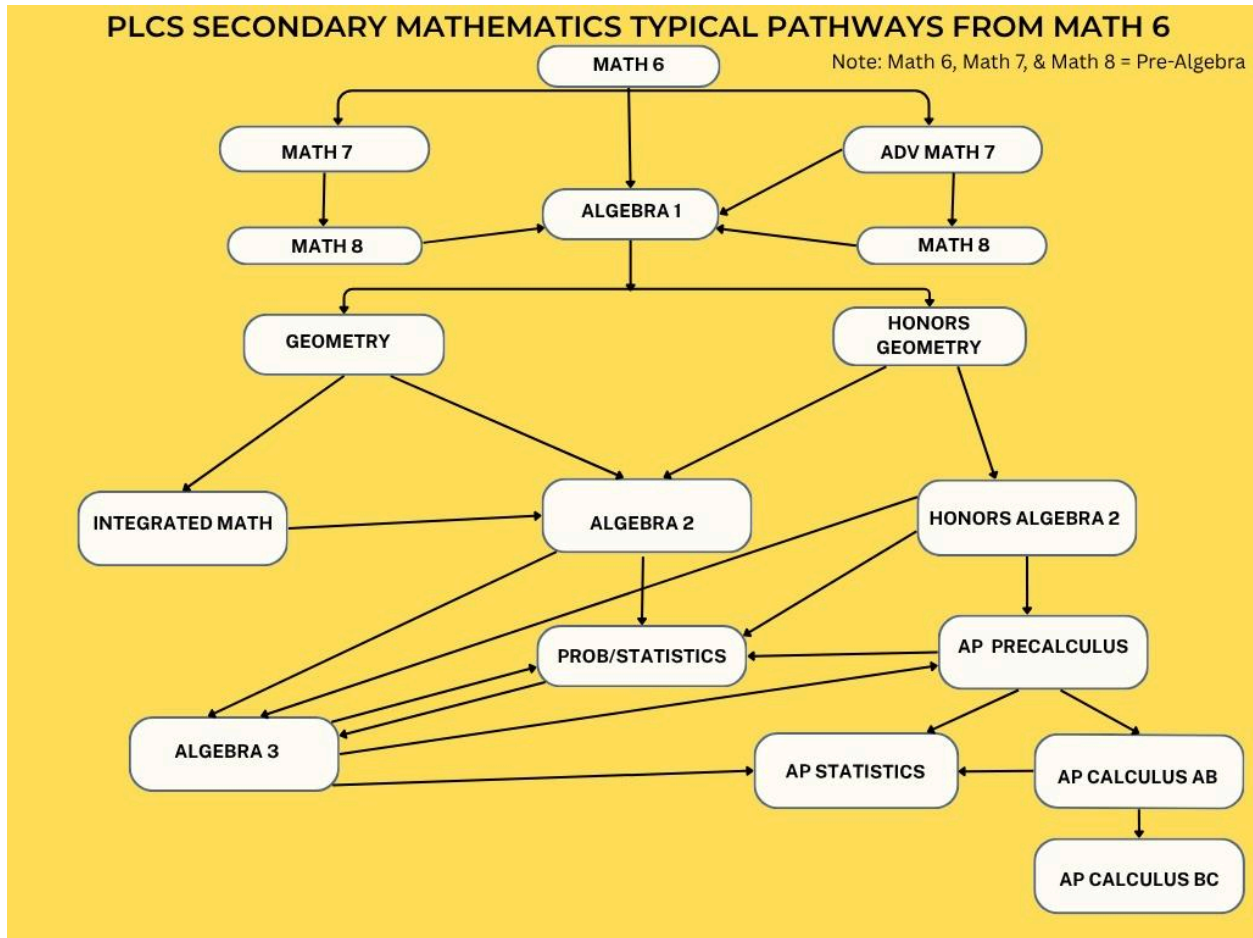
**Course Title:** MULTICULTURAL PERSPECTIVES IN LITERATURE AND COMPOSITION  
**Course Number:** LA54  
**Duration:** One Semester/One Credit  
**Grade:** 12 (may be taken in addition to English 11 in grade 11)

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts considering the perspectives from a variety of authors from multicultural backgrounds; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

**Course Title :** MULTICULTURAL EXPERIENCES IN LITERATURE & COMPOSITION  
**Course Number:** LA55  
**Duration:** One Semester/One Credit  
**Grade:** 12 (may be taken in addition to English 11 in grade 11)

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of sets of complex prose, poetry, and informational texts that thread together the experiences of various authors of diverse backgrounds; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

# Mathematics



**Course Title:** ALGEBRA 1  
**Course Number:** MA05  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9

Built from the Nebraska’s College and Career Ready Standards for Mathematics, this year-long comprehensive course provides students with an in-depth, rigorous, on-level, high school experience. Topics of teaching and learning will include the following high school units of study: Review Algebraic Relationships, Processes, Applications from Math 6-8, Solving Linear Equations, Linear Functions, Writing & Graphing Lines, Linear Systems, Linear Inequalities, Data Analysis, Exponent, Operations with Radicals, Operations with Polynomials, Graphic Quadratics, & Solving Quadratics. On a daily basis, students will be expected to engage with Algebra fundamentals through note taking, discussion, & application in a variety of modes. All math is cumulative–this daily work serves as a foundation for all future math courses.

Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Algebra 1 prior to/during their 9th grade year. The course is differentiated from on level by content, processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

## Mathematics (continued)

**Course Title:** INTEGRATED MATHEMATICS

**Course Number:** MA17

**Duration:** Two Semesters/Two Credits

**Grade:** 11-12

**Prerequisite:** Geometry

**Note:** While this course counts toward required math credits for graduation from PLCS, it does NOT meet NCAA requirements of a core math class. Potential college athletes need to plan appropriately. In addition, this course does not satisfy the college matriculation requirement of Geometry or Algebra 2. Students who have successfully completed Algebra 2 may not take Integrated Math for credit. College bound students who complete this course will need to take Algebra 2 as seniors.

Built from the Nebraska's College and Career Ready Standards for Mathematics, this year-long comprehensive course provides students with an on-level experience after Algebra 1 and Geometry that prepares them for Algebra 2. Topics of teaching and learning will include the following: Basic Skills; Data Analysis; Probability; Conversions; Right Triangles; Linear Equations; Standardized Test Preparation; Factoring; and, Exponents. Students can expect to reason, make connections to prior learning, solve problems, create mathematical representations, and communicate (written & verbal) on a daily basis. This course contains practical applications of mathematics in a project-based mode.

**Course Title:** GEOMETRY

**Course Number:** MA21

**Duration:** Two Semesters/Two Credits

**Grade:** 10-12

**Prerequisite:** Algebra 1

Built from the Nebraska's College and Career Ready Standards for Mathematics, this year-long comprehensive course provides students with an in-depth, rigorous, on-level, high school experience. Topics of teaching and learning will include the following units of high school study: Building Blocks & Tools of Geometry; Logical Arguments & Line Relationships; Parallel & Perpendicular Lines; Transformations & Unit Symmetry; Triangles & Congruence; Quadrilaterals; Similarity; Right Triangles & Trigonometry; Circle; and, Area & Volume. On a daily basis, students will be expected to engage with Geometry fundamentals through note taking, discussion, & application in a variety of modes. All math is cumulative—this daily work serves as a foundation for all future math courses.

Honors Geometry: Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Honors Geometry prior to/during their 10th grade year. The course is differentiated from on level by content, processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

## Mathematics (continued)

**Course Title:** HONORS GEOMETRY (For 9th Grade only)  
**Course Number:** MA06  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9  
**Prerequisite:** Algebra 1  
**Note:** This is a grade-weighted course. Completion of a skills review packet over the summer is recommended.

Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Honors Geometry prior to/during their 10th grade year. The course is differentiated from Geometry by content (see above), processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

**Course Title:** HONORS GEOMETRY (For 10th & 11th Grade only)  
**Course Number:** MA22  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-11  
**Prerequisite:** Algebra 1  
**Note:** This is a grade-weighted course.

Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Honors Geometry prior to/during their 10th grade year. The course is differentiated from Geometry by content (see above), processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

**Course Title:** ALGEBRA 2  
**Course Number:** MA02  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisite:** Geometry or Honors Geometry  
**Note:** This course by itself is NOT adequate preparation for Precalculus.

Built from the Nebraska's College and Career Ready Standards for Mathematics, this year-long comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the following: Characteristics of Functions; Linear Equations & Systems; Radical Functions; Quadratics & Complex Numbers; Polynomials; Probability; Trigonometry; ACT Prep; Exponential Functions; Logarithmic Functions; and, Rational Functions. On a daily basis, students will be expected to engage with advanced Algebra concepts through note taking, discussion, & application in a variety of modes. All math is cumulative—this daily work serves as a foundation for all future math courses.

Honors Algebra 2: Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Honors Algebra 2 prior to/during their 11th grade year. The course is differentiated from on level by content, processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

## Mathematics (continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>HONORS ALGEBRA 2</b>  |
| Course Number:       | MA03   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 9-12   |
| Prerequisite:        | Honors Geometry  |
| Note:                | This is a grade-weighted course. This course is the prerequisite for Honors Pre-Calculus |

Based on PLCS criteria, students placed on an accelerated math pathway for their grade level may take Honors Algebra 2 prior to/during their 11th grade year. The course is differentiated from Algebra 2 (see above) by content, processes, and products (evidence of learning). The purpose of the pathway is to enable students to access Advanced Placement (AP) courses in high school. The purpose is not to accelerate high school graduation credits.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>PROBABILITY AND STATISTICS</b>         |
| Course Number:       | MA34                                      |
| Duration:            | Two Semesters/Two Credits                 |
| Grade:               | 11-12                                     |
| Prerequisite:        | Algebra 2, Honors Algebra 2, or Algebra 3 |

Built from the Nebraska's College and Career Ready Standards for Mathematics, this year-long introductory course in Probability & Statistics provides college-bound students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the following: Understanding Data, Distributions, & Graphs; Data Descriptions; Probability & Counting Rules; Discrete Probability Distributions; The Normal Distribution; Confidence Intervals & Sample Size; Hypothesis Testing; Testing the Difference Between 2 Means & 2 Proportions; Correlation & Regression; and, Sampling & Simulations; and, time depending, CHI-Square Testing. Students can expect to reason, make connections to prior learning, solve problems, create mathematical representations, and communicate (written & verbal) on a daily basis.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>ALGEBRA 3</b>   |
| Course Number:       | MA33   |
| Duration:            | Two semesters/Two Credits  |
| Grade:               | 11-12  |
| Prerequisite:        | Algebra 2 or Honors Algebra 2  |
| Note:                | 11th and 12th grade college-bound students who need a pathway other than AP Precalculus may also take Algebra 3. |

Based on Nebraska's College and Career Ready Standards for Mathematics, HS Advanced Topics, this College Algebra-preparatory course is designed for college-bound students without post-secondary plans that include a need for calculus. Advanced topics taught and learned include the following: Prerequisites; Equations & Inequalities; Functions & Graphs; Polynomial & Radical Functions; Exponential & Logarithmic Functions; Trigonometric Functions; Graphing Trigonometric Functions; Trigonometric Identities & Equations; Law of SIN & COSIN; Systems of Equations & Inequalities; and Matrices & Determinants. On a daily basis, students will be expected to engage with advanced algebra fundamentals through note taking, discussion, & application in a variety of modes. All math is cumulative—this daily work serves as a foundation for required math in college.

## Mathematics (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) PRECALCULUS</b>  |
| Course Number:       | MA38  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10-12   |
| Prerequisite:        | Honors Algebra 2  |
| Note:                | This is a grade-weighted course that is intended for students whose post-secondary plans include the need for calculus. |

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) STATISTICS</b>  |
| Course Number:       | MA32   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 11-12  |
| Prerequisite:        | Honors Algebra 2 or Algebra 3 or Probability & Statistics. (Juniors should not take this course before Honors Pre-Calculus; seniors may take this course in conjunction with AP Calculus)  |
| Note:                | This is a grade-weighted course. This class may be offered as a dual enrollment class through a university; please see your instructor for details. Use of a graphing calculator is required. Please see the instructor for information about models prior to making a purchase. |

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT CALCULUS AB</b>  |
| Course Number:       | MA41   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 11-12  |
| Prerequisite:        | Honors Pre-Calculus  |
| Note:                | This is a grade-weighted course. This class may be offered as a dual enrollment class through a university; please see your instructor for details. Use of a graphing calculator is required. Please see the instructor for information about models prior to making a purchase. |

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

## Mathematics (continued)

|                |  |
|----------------|--|
| <b>Title:</b>  | <b>ADVANCED PLACEMENT CALCULUS BC</b>  |
| Course Number: | MA42   |
| Duration:      | Two semesters/Two credits  |
| Grade:         | 12   |
| Prerequisite:  | AP Calculus AB   |
| Intended for:  | College bound student  |
| Note:          | This is a grade-weighted course. This class may be offered as a dual enrollment class through a university; please see your instructor for details. Use of a graphing calculator is required. Please see the instructor for information about models prior to making a purchase. |

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

## Naval Junior Reserve Officer Training Corps

Our goals are to provide an opportunity for secondary school students to learn about the elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Naval Science coursework relates to a different theme.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 1</b> |
| Course Number:       | RO00 (S1) and RO01(S2)   |
| Duration:            | Two Semesters/Two Credits                                      |
| Grade:               | 9-10   |
| Note:                | 2nd Semester earns PE credit                                   |

Naval Science 1 is designed to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. We also instruct cadets on military drill and ceremonies, uniform regulations, wellness, fitness, first aid, geography, map skills and environmental awareness. Due to the wellness, fitness, and first aid unit, as well as the physical training throughout the year, satisfactory completion of the second semester will gain one PE credit.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 2</b> |
| Course Number:       | RO02   |
| Duration:            | Two Semesters/Two Credits                                      |
| Grade:               | 10-12  |
| Prerequisites:       | NJROTC 1 and/or with Naval Science Instructor approval         |

Naval Science II is designed to engender a sound understanding of maritime geography as it relates to our national resources, landforms, climate, soiled bodies of water, people, governments, military, and geopolitics. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

## **N.J.R.O.T.C. (continued)**

**Course Title:** NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 3  
**Course Number:** RO03  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Prerequisites:** NJROTC 2 and/or with Naval Science Instructor approval

Naval Science III is designed to develop an understanding and the importance of sea power and national security, naval operations and support functions, military law, and international law and the sea. We also build on the general instruction provided in NS 1, to further develop the traits of watch standing and introduce cadets to the technical areas of naval science study.

**Course Title:** NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 4  
**Course Number:** RO04  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12  
**Prerequisites:** NJROTC 3 and/or with Naval Science Instructor approval

Naval Science IV is designed to build on the basic qualities of a good follower and an effective leader provided in NS 1, NS2 and NS3. We take a more in-depth look at what leadership is, and how to maximize the cadet's abilities in the leadership area.

## **Physical Education**

**Course Title:** INTRODUCTION TO PHYSICAL EDUCATION & HEALTH  
**Course Number:** PE14  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Required for:** All students—take for credit one time

This is a required introductory high school physical education class. This course focuses on lifelong physical activity, health, & wellness—which includes abstinence from high-risk behaviors commonly associated with illicit drug use and sexual activity.

**Course Title:** INDOOR/OUTDOOR PE  
**Course Number:** PE13  
**Duration:** One Semester/One Credit  
**Grade:** 9-10  
**Note:** Limited to two semesters for credit

This course is designed to teach basic individual, team, and fitness for a healthy lifestyle. This course's activities vary based on the time of year and weather conditions, which include but are not limited to the following: softball, flag football, tennis, soccer, basketball, volleyball, badminton, and mass games. This course will introduce students to a variety of individual and team activities they can participate in for life.

## Physical Education (continued)

**Course Title:** CROSS TRAINING WITH CARDIOVASCULAR EMPHASIS  
**Course Number:** PE22  
**Duration:** One Semester/One Credit  
**Grade:** 9-12

Cross Training with Cardiovascular (Aerobic) Emphasis focuses on improving a person's flexibility, cardiovascular endurance and muscular endurance, leading to a healthy lifestyle. This class will allow students to improve their aerobic/anaerobic endurance. Students will develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition). On a daily basis, students can expect to participate in a variety of physical activities that achieve the course's objectives. This course can be repeated for PE or elective credit.

**Course Title:** CROSS TRAINING WITH STRENGTH EMPHASIS  
**Course Number:** PE23  
**Duration:** One Semester/One Credit  
**Grade:** 9-12

Cross Training with Strength Emphasis focuses on improving a person's muscular strength/endurance and cardiovascular endurance, leading to a healthy lifestyle. This class will allow students to improve their muscular strength/endurance. Students will develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition). On a daily basis, students can expect to participate in a variety of physical activities that achieve this course's objectives. This course can be repeated for PE or elective credit.

**Course Title:** BEGINNING WEIGHT TRAINING AND FITNESS  
**Course Number:** PE49  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Notes:** Limited to one semester for one credit

The students will be introduced to fundamental weight training concepts and lifts involved in increasing strength and power to improve athletic performance and promote life-time physical fitness. This class will provide the importance of lifting, proper lifting techniques, and safety.

**Course Title:** INTERMEDIATE / RECREATIONAL WEIGHT TRAINING AND FITNESS  
**Course Number:** PE50  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Prerequisites:** Beginning Weight Training and Fitness

This class is designed to build on the learning experiences gained from Beginning Weight Training and Fitness. The students will increase strength and power by focusing on weight training to improve athletic performance and promote life-time physical fitness. This class will allow students to learn and perform activities to gain power, strength, speed, agility and cardiovascular endurance. This course can be repeated for PE or elective credit.

## Physical Education (continued)

**Course Title:** ATHLETIC WEIGHT TRAINING AND CONDITIONING  
**Course Number:** PE51  
**Duration:** One Semester/One Credit  
**Grade:** 10-12  
**Prerequisites:** Teacher Permission (Beginning Weight Training and Fitness strongly recommended)

Athletic Weight Training and Conditioning focuses on strength, power and conditioning associated with improved athletic performance. This class allows athletes to learn and perform lifts and cardiovascular activities that are specific to improvement of athletic performance. This course can be repeated for PE or elective credit.

**Course Title:** LIFETIME ACTIVITIES AND FITNESS  
**Course Number:** PE31  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Notes:** Limited to two semesters for credit

Lifetime Activities and Fitness is designed to teach basic skills in lifetime leisure activities. Students will learn lifestyle fitness concepts through participating in various activities. The purpose of this course is to introduce students to life-time activities and the benefits and impacts they will have throughout their lives. Activities may include tennis, golf, Frisbee, bowling, recreational yard games, volleyball, and softball.

**Course Title:** SPORTS OFFICIATING  
**Course Number:** PE61  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Notes:** Limited to one semester for credit

Sports Officiating is designed to offer students the coursework and experience necessary to become an official in a variety of major sports, including, but not limited to football, soccer, volleyball, basketball, baseball, and softball. Coursework will include classroom activities, field experiences, guest speakers and video lessons. The field experience coursework will require students to attend one athletic event outside of the school day for each sport covered in class. Students will be required to complete a one-time practicum for one of the sports covered in class. This course will provide students with opportunity to learn and practice skills necessary to officiate athletic contests. Upon successful completion of this class, students interested in employment may pursue NSAA certification at their cost.

# Science

## Science Pathways

| <u>9th Grade</u>     | <u>10th Grade</u>          | <u>11th Grade</u>                     | <u>12th Grade</u><br><b>HIGHLY<br/>ENCOURAGE</b> |
|----------------------|----------------------------|---------------------------------------|--|
| <b>Biology</b> →     | <b>*Physical Science</b> → | <b>Elective Science (rec: Chem)</b> → | <b>Elective Science</b>                          |
| <u>Bio</u> →         | <u>Chemistry</u> →         | <u>Physics</u> →                      | <u>Elective Science</u>                          |
| <i>Hon Biology</i> → | <i>Hon. Chemistry</i> →    | <i>AP Physics 1</i> →                 | <i>Elective AP<br/>Chem, AP Bio,<br/>Other</i>   |

**KEY:**

- **Students with general science interest but earned a D or lower in Algebra 1**
- Students with general science interest, including a desire to attend 2-year or 4-year college
- *Students with proclaimed interest in science & or wanting to go into a science field in college*

**Course Title:**           **BIOLOGY**  
**Course Number:**       SC09  
**Duration:**               Two Semesters/Two Credits  
**Grade:**                   9

Based on the Nebraska State Standards for Science, Biology is a required on-level, inquiry-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics related to living systems: Ecology, Genetics, Cells, Evolution, and the Formation of the Universe. The broad biological background provided by this course will compel students to make informed decisions about the world around them. Students will analyze problems, generate real world solutions, and improve upon their oral and written communication skills.

**Course Title:**           **HONORS BIOLOGY**  
**Course Number:**       SC10  
**Duration:**               Two Semesters/Two Credits  
**Grade:**                   9  
**Note:**                    This is a grade-weighted course for students with proclaimed interest in science &/or wanting to go into a science field in college.

Honors Biology is an inquiry-based course designed for the student with an acute interest in science and can be a preparatory course for Advanced Placement (AP) Biology. This course will focus on the following standards-based topics related to living systems: Ecology, Genetics, Cells, Evolution, and the Formation of the Universe. Through differentiated content, processes, and products, the broad and deep biological background provided by this course will compel students to make informed decisions about the world around them. Students will analyze problems, generate real world solutions, and improve upon their oral and written communication skills.

## Science (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>PHYSICAL SCIENCE</b>   |
| Course Number:       | SC60  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 10  |
| Prerequisites:       | Administrator approval required for registration.                       |
| Note:                | Not recommended for students with 2-year or 4-year college aspirations. |

Based on the Nebraska State Standards for Science, Physical Science is the study of matter and energy and the relationship of each to the other. This class will give students a broad background in both Physics and Chemistry. Physics topics will include motion, force, energy, waves and energy transfer in earth systems. Topics covered in Chemistry are classification of matter, atomic structure, periodic table and chemical reactions.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>HONORS PHYSICAL SCIENCE (Online)</b> |
| Course Number:       | SC63                                    |
| Duration:            | Two Semesters/Two Credits               |
| Grade:               | 10                                      |
| Note:                | This is a grade-weighted course         |

Based on the Nebraska State Standards for Science, Honors Physical Science is the study of matter and energy and the relationship of each to the other. This class will give students a broad background in both Physics and Chemistry. Physics topics will include motion, force, energy, waves and energy transfer in earth systems. Topics covered in Chemistry are classification of matter, atomic structure, periodic table and chemical reactions. Class format includes independent reading, individual assignments, discussion boards, individual/group projects, and will require occasional labs to be performed in person before or after school. Topics will be organized into modules with some flexibility to complete course activities within given dates.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>CHEMISTRY</b>   |
| Course Number:       | SC40   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 10-12  |
| Note:                | Highly recommended for students with 2-year or 4-year college aspirations. |

Based on the Nebraska State Standards for Science, Chemistry is an on-level, lab-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics: Measurement, Atomic Structure & Periodicity, Chemical Bonding, Chemical Reactions, and Stoichiometry. The broad background provided by this course will empower students to make informed decisions about the world around them. Students will apply mathematical concepts to analyze problems, generate real world solutions, and improve their written communication skills.

## Science (continued)

**Course Title:** HONORS CHEMISTRY  
**Course Number:** SC11  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Notes:** This is a grade-weighted course.

Based on the Nebraska State Standards for Science, this is a grade-weighted course for students with proclaimed interest in science &/or wanting to go into a science field in college. Honors Chemistry is an above-level, lab-based course intended to prepare students for Advanced Placement (AP) Chemistry and/or AP Biology. Through differentiated content, processes, and products, students will apply mathematical concepts and use higher-order thinking to analyze problems, generate real world solutions, and improve their scientific communication skills.

**Course Title:** PHYSICS  
**Course Number:** SC50  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Notes:** Recommended concurrent enrollment in Algebra 2  
Highly recommended for students with 2-year or 4-year college aspirations

Based on the Nebraska State Standards for Science, this on-level course covers the concepts of physics via lab experiences and project-based learning. First semester topics include the following: measurement, motion, Newton's Laws, Work Energy, Power and Simple Machines. Second semester topics include the following: Heat Transfer, Sound, Light, Optics, Electricity, and Magnetism.

**Course Title:** ENVIRONMENTAL SCIENCE  
**Course Number:** SC70  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

Based on the Nebraska State Standards for Science, Environmental Science will develop knowledge and skills needed to make informed decisions regarding environmental issues. This class will provide students with foundational knowledge of biotic and abiotic interactions within ecosystems in addition students will learn about human impact on the environment along with practical conservation and preservation efforts. This course will include hands-on experience, class discussions, simulations, and outside activities. This class will focus on human impacts on the environment and solutions to minimize those impacts.

**Course Title:** ASTRONOMY  
**Course Number:** SC30  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

Based on the Nebraska State Standards for Science, Astronomy provides students with a basic knowledge and concepts of astronomy. This course will include hands-on activities, simulations, Internet work and out of class observation. Students will study the moon, sun, stars, stellar evolution, and other concepts in modern astronomy.

## Science (continued)

|                      |                                |
|----------------------|--------------------------------|
| <b>Course Title:</b> | <b>ASTRONOMY (Online)</b>      |
| Course Number:       | SC31                           |
| Duration:            | One Semester/One Credit        |
| Grade:               | 11-12                          |
| Note:                | Student Computer Access Needed |

Based on the Nebraska State Standards for Science, Astronomy provides students with the basic understanding of concepts in astronomy. Students will study the history of astronomy, our solar system, eclipses, moon phases, telescopes, light, stars, galaxies and the universe. This course will include hands-on activities, simulations, and Internet work. Class format includes independent reading, individual assignments, discussion boards, and other multimedia tools to engage students in an online modality. In-person meetings with instructor may be required and will be scheduled in advance.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module, but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>HONORS ANATOMY/PHYSIOLOGY</b>   |
| Course Number:       | SC20   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 10 (see note), 11-12   |
| Prerequisites:       | Biology or Chemistry completion. 10th grade students must be concurrently enrolled in Honors Chemistry.                                  |
| Note:                | This is a grade-weighted course.<br>Students who take this course as 10th graders cannot go to the Health Systems Academy (CNA pathway). |

Based on the Nebraska State Standards for Science, Honors Anatomy/Physiology is a laboratory course, which will enable the student to understand the structural and functional relationships of the human body. The student will learn anatomical terminology and are expected to spend time outside of class for projects and study. Dissections are part of the course and will prepare those considering careers in medical and health related fields. Topics cover the form and function of the human body's eleven organ systems.

## Science (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) PHYSICS 1</b>  |
| Course Number:       | SC24  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 11-12   |
| Prerequisites:       | The College Board recommends the completion of Geometry   |
| Notes:               | This is a weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details. |

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, rotational motion and fluid mechanics.

### Laboratory Requirement and Lab Notebooks

Laboratory experience must be part of the education of AP Physics students and should be included in all AP Physics courses. Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) PHYSICS 2</b>  |
| Course Number:       | SC25  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 12  |
| Prerequisites:       | Successful Completion of AP Physics 1   |
| Note:                | This is a weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details. |

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: thermal physics; waves and optics; electricity and magnetism; and modern physics.

### Laboratory Requirement and Lab Notebooks

Laboratory experience must be part of the education of AP Physics students and should be included in all AP Physics courses. Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) CHEMISTRY</b>  |
| Course Number:       | SC21  |
| Duration:            | Two Semesters/Two Credits   |
| Grade:               | 11-12   |
| Prerequisites:       | Chemistry, completion or concurrent enrollment in Algebra 2.  |
| Note:                | This is a grade-weighted course. To ensure that students have the proper lab experience to prepare them for college, the College Board recommends that students take on-level or honors chemistry first, followed by AP chemistry. This class may be offered as a dual enrollment class through a university. Please see your instructor for details. |

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: Atomic Structure and Properties, Compound Structure and Properties, Properties of Substances and Mixtures, Chemical Reactions, Kinetics, Thermochemistry, Equilibrium, Acids and Bases, Thermodynamics and Electrochemistry.

## Science (continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>ADVANCED PLACEMENT (AP) BIOLOGY</b>   |
| Course Number:       | SC22   |
| Duration:            | Two Semesters/Two Credits  |
| Grade:               | 11-12  |
| Prerequisites:       | None by the College Board; Successful completion of Honors Chemistry recommended by PLCS   |
| Note:                | This is a grade-weighted course. This class may be offered as a dual enrollment class through UNO. Please see your instructor for details. |

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

## Skilled and Technical Sciences (STS)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ROBOTICS 1</b>   |
| Course Number:       | IA32  |
| Duration:            | One Semester/One Credit   |
| Grade:               | 9-12  |
| Note:                | This course will fulfill the graduation requirement for Computer Science. |

Students will learn about the computer science system of robotics by studying the following components: Structure, Motion, Power, Sensors, Control, Programming, Engineering, Problem solving. The study will lead to students designing & creating their own robots to perform specific tasks. The authentic application of both educational & informational technology will help to build students' computer literacy knowledge and skill & digital citizenship. This foundational course will prepare students for Robotics 2.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ROBOTICS 2</b>   |
| Course Number:       | IA33  |
| Duration:            | One Semester/One Credit   |
| Grade:               | 9-12  |
| Prerequisites:       | Robotics I  |
| Note:                | This course will fulfill the graduation requirement for Computer Science. |

Using multiple robotic systems from this list: Structure, Motion, Power, Sensors, Control, Programming, Engineering, Problem solving; students will use engineering and problem-solving skills to design advanced robots.

Students will deepen their understanding of the computer science system of robotics by studying the following components: Structure, Motion, Power, Sensors, Control, Programming, Engineering, Problem solving. The study will lead to students designing & creating their own robots to perform specific tasks at a more advanced level. The authentic application of both educational & informational technology will help to build students' computer literacy knowledge and skill & digital citizenship.

## Skilled and Technical Sciences (continued)

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>INTRO TO SKILLS AND TECHNICAL SCIENCES TRADES</b> |
| Course Number:       | IA50   |
| Duration:            | One Semester/One Credit                              |
| Grades:              | 9-12   |
| Prerequisites:       | None   |
| Fee:                 | \$20 (materials; make & take)                        |

This highly engaging entry-level class is a foundation for many other Skilled and Technical Sciences courses. Students will be introduced to the basic skills and career opportunities within engineering, manufacturing, welding and construction. The course includes several hands-on activities and student developed take home projects.

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>WELDING 1</b>   |
| Course Number:       | IA34   |
| Duration:            | One Semester/One Credit  |
| Grade:               | 9-12   |
| Prerequisite:        | Introduction to Skilled and Technical Trades   |
| Fee:                 | \$20 for make & take projects plus cost for special project(s)   |
| Note:                | Students need to wear long pants (jeans) & leather boots while welding. Welding boot covers will be provided for students who cannot get leather boots. Students who may need jeans should see a building principal. |

This course introduces students to welding processes while exposing them to multiple exciting and lucrative careers. Successful completion of this course will prepare students to accelerate into post-secondary opportunities in the welding industry.

- MIG Welding
- Plasma Cutting
- Oxyfuel Cutting
- Grinding
- Stick welding
- Fabrications
- Welding sculpture

|                      |  |
|----------------------|--|
| <b>Course Title:</b> | <b>CONSTRUCTION TRADES 1</b>                                   |
| Course Number:       | IA60   |
| Duration:            | One Semester/One Credit  |
| Grade:               | 9-12   |
| Prerequisites:       | Introduction to Skilled and Technical Trades                   |
| Fee:                 | \$20 for make & take projects plus cost for special project(s) |

This course provides an overview of construction safety, materials, tools, processes and related career opportunities. Students will complete projects that include skill development related to framing, stair construction, tiling, drywall, painting and basic electrical principles. Course experiences will involve the use of construction hand and power tools.

## Skilled and Technical Sciences (continued)

**Course Title:** CONSTRUCTION TRADES 2  
**Course Number:** IA61  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** Completion of Construction Trades 1  
**Fee:** \$20 for make & take projects plus cost for special project(s)

This course builds on the foundation of the skills learned in Construction Trades 1. Students will expand their knowledge and hands on skills in residential construction trades. This course will prepare students for post-secondary opportunities in construction trades.

**Course Title:** MANUFACTURING 1 WOODS  
**Course Number:** IA65  
**Duration:** One Semester/One Credit  
**Grade:** 9-12  
**Fees:** \$20 for make & take projects plus cost for special project(s)  
**Prerequisites:** Intro to Skills and Technical Science Trades

Manufacturing 1 Woods is a project-based course designed to teach knowledge and skills of today's modern woodworking tools and processes. Using industry standard equipment, students will learn to design, build, and finish a custom take home furniture project. This foundational course will prepare students for the advanced Manufacturing 2 Woods class.

**Course Title:** MANUFACTURING 2 WOODS  
**Course Number:** IA66  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Fees:** \$20 for make & take projects plus cost for special project(s)  
**Prerequisites:** Manufacturing Woods 1

Manufacturing 2 Woods is a project-based course designed to teach advanced knowledge and skills of today's modern woodworking tools and processes. Using industry standard equipment, students will build upon knowledge and skills from Manufacturing 1 Woods. Students will design, build, finish, and present custom-built projects of their choice.

**Course Title:** SMALL ENGINES AND SYSTEMS  
**Course Number:** IA 41  
**Duration:** One Semester/One Credit  
**Grades:** 9-12

Small Engines and Systems is a project-based course designed to teach knowledge and skills of modern small engines and systems. These systems may include, but not be limited, to the following: automotive, diesel, HVAC, electrical, alternative energy, hydraulics, pneumatics, etc. Using industry standard equipment, students will explore, problem-solve, and assemble various systems. This foundational course will prepare students for future advanced coursework at Metro Community College (MCC) and various career pathways within the technical fields.

## Skilled and Technical Sciences (continued)

**Course Title:** INTRODUCTION TO DESIGN, ENGINEERING AND ARCHITECTURE (IDEA)  
**Course Number:** IA26  
**Duration:** Two Semester/Two Credits  
**Grade:** 9-11  
**Prerequisites:** STEM Academy Course - Admittance to STEM academy required.  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Have you ever tried to design something new or draw up an idea you want to share with your friends and wondered how you could communicate your idea? Or, have you ever wanted to design a new MP3 player or your own dream home? Then Introduction to Design, Engineering and Architecture (IDEA) is the course for you. As you learn about the aspects of engineering and architecture you will apply your knowledge to various problem-solving activities and hands-on projects. The major focus of the course is learning how to turn an idea or need into a manufactured product. Students will have the opportunity to utilize various state of the art CAD software from Autodesk® including: Inventor® a mechanical design software that takes engineers beyond 3D to Digital Prototyping by enabling them to design, visualize, and simulate products before they are ever built, and Revit® Architecture software that helps you take your design from concept model all the way to construction documents by allowing you to sketch freely, create 3D forms quickly, and manipulate forms interactively all within one intuitive environment. IDEA is intended to serve as a foundation course within the STEM Academy course sequence.

**Course Title:** CIVIL ENGINEERING AND ARCHITECTURE (CEA)  
**Course Number:** IA27  
**Duration:** Two Semester/Two Credits  
**Grade:** 10-12  
**Prerequisites:** IDEA (Introduction to Design, Engineering and Architecture).  
Admittance to STEM Academy required.  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Students taking the CEA course will learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. The course is structured to enable all students to have a variety of real-world experiences that will provide an overview in the fields related to civil engineering and architecture. Students will work in teams, exploring hands-on projects and activities to learn the characteristics specific to the related fields. In addition, students use state of the art 3D design software from Autodesk® to help design and document solutions for major course projects throughout the year. Students will communicate and present solutions to their peers as well as members of the professional community of engineers and architects. *CEA is intended to serve as a course within the STEM Academy course sequence.*

**Course Title:** ENGINEERING AND ARCHITECTURE DEVELOPMENT (EAD)  
**Course Number:** IA28  
**Duration:** Two Semester/Two Credits  
**Grade:** 11-12  
**Prerequisites:** Successful completion of CEA (Civil Engineering and Architecture) STEM Academy Course.  
Admittance to STEM Academy required.  
**Note:** This course will fulfill the graduation requirement for Computer Science.

Students taking EAD will continue to develop their problem solving and critical thinking skills by applying them to various real world experiences in their community. Students will apply engineering and architecture skills to long term projects that encompass team work, sustainable design, presentations skills, the use of graphical materials including various Autodesk® CAD software, model development, cost estimating, and creative, persuasive and technical writing.

## Skilled and Technical Sciences (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>STEM CAPSTONE</b>  |
| Course Number:       | IA29  |
| Duration:            | Two Semesters/Two Credits   |
| Grades               | 12  |
| Prerequisites:       | Engineering and Architecture Development (STEM Academy Course).<br>Admittance to STEM Academy required. |
| Note:                | This course will fulfill the graduation requirement for Computer Science.                               |

This course will help students continue to develop problem solving and critical thinking skills by applying them to real-world experiences. Students will apply their engineering and architecture skills to long-term projects that encompass team work; sustainable design; presentation of proposed projects; the use of graphical materials (e.g., Autodesk CAD software); model development; cost estimating, and creative, persuasive, and technical writing. This project can be a continuation of their EAD course project or a new project where the student takes a lead role applying the skills learned through the STEM Academy. Many times this project will be in conjunction with a local business partner who will mentor the student. Final projects will be presented at the end of the year in a symposium.

## Special Education

**HS's will determine which of these courses—or other customized ones—are needed for their students with individualized special education needs.**

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ENGLISH CONNECTIONS</b>  |
| Course Number:       | LA91  |
| Duration:            | One or more semesters as determined by the IEP  |
| Grade:               | 9-12  |
| Prerequisites:       | Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met. |
| Intended for:        | Students who graduate by IEP and are tested on the alternate assessment   |
| Note:                | Students are graded Pass/No Pass.   |

English Connections 1: The purpose of the course is to practice and demonstrate the use of reading, writing, speaking and spelling skills in everyday life. Students focus on building vocabulary, building reading fluency, improving spelling, and improving reading comprehension. Some of the specific skills students work on include sentence writing, answering literal, evaluative and inferential questions about a piece of text, working with familiar and unfamiliar words in writing. The goal of this class is to advance to English Connections 2.

English Connections 2: The purpose of this course is to enhance reading and writing skills for students reading at a third to sixth grade level, as well as address functional language skills. Portions of the curriculum will align with the general English classes, which will include at least one novel. Students will also have the opportunity to work on several units such as poetry, speeches, and essay writing. Various interventions will be used to enhance areas of deficit for students, and various strategies will be taught. Participation is an important component of the class and students will use an interactive notebook, which will remain in the classroom for daily writing activities.

## Special Education (continued)

**Course Title: MATH CONNECTIONS**

Course Number: MA91

Duration: One or more semesters as determined by the IEP

Grade: 9-12

Prerequisites: Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.

Intended for: Students who graduate by IEP and are tested on the alternate assessment

Note: Students are graded Pass/No Pass.

The purpose of this course is to demonstrate the use of math skills in everyday life. In class students will learn how to apply math skills to real-life situations. The curriculum will be guided by the general math courses and curriculum will be determined based off the students' individual goals as determined by their IEP. Curricular focus areas (but not limited to) include: Adding and Subtracting, Multiplying and Dividing, Time and Elapsed Time, Fractions, Percent, and Decimals, Understanding Tables, Graphs, and Charts, Basic Money Skills, Counting Coins/Dollars, Next Dollar Spending, Budgeting and Banking Concepts, Store/Coupon Etiquette and Order of Operations. There are three levels of LC Math to meet the needs of students as they learn functional math concepts to Pre-Algebra skills.

**Course Title: SCIENCE CONNECTIONS**

Course Number: SC91

Duration: One or more semesters as determined by the IEP

Grade: 9-12

Prerequisites: Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.

Intended for: Students who graduate by IEP and are tested on the alternate assessment

Note: Students are graded Pass/No Pass.

The purpose of the course is to demonstrate the use of Science skills in students' everyday lives. Curriculum will be guided by the general Biology and Physical Science courses (alternating each year) with accommodations and modifications implemented as needed for individual students. The class focuses on physical science (concepts of force, motion, and energy), life science (different kinds of life on earth and how they change), and Earth science (different kinds of weather and environmental conditions).

**Course Title: SOCIAL STUDIES CONNECTIONS**

Course Number: SS91

Duration: One or more semesters as determined by the IEP

Grade: 9-12

Prerequisites: Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.

Intended for: Students who graduate by IEP and are tested on the alternate assessment

Note: Students are graded Pass/No Pass.

The purpose of the course is to demonstrate the relevance of social studies to students' lives. Curriculum will be guided by the general U.S. History and World Civilization courses with accommodations and modifications implemented as needed for individual students. The class focuses on understanding the progression of events throughout history as well as discussing current events.

## Special Education (continued)

**Course Title:** APPLIED GOVERNMENT  
**Course Number:** SS92  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 11-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.  
**Intended for:** Students who graduate by IEP and are tested on the alternate assessment  
**Note:** Students are graded Pass/No Pass.

The purpose of this course is to demonstrate the importance and application of government to students' lives. Curriculum will be guided by the general Government course with accommodations and modifications implemented as needed for individual students. The class focuses on citizen's rights and responsibilities, reporting a crime, knowing local, state, and federal governments, knowing and following the law, and more.

**Course Title:** EPICS – Effective Personal and Interpersonal Communication Skills  
**Course Number:** GU97  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 10-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.  
**Intended for:** Students who satisfy entrance criteria  
**Note:** Students are graded Pass/No Pass.

The purpose of this course is to teach effective communication strategies for solving problems and interacting with others in various social situations. Students learn to use socially-appropriate language, recognize the communication needs of others, express feelings and viewpoints, understand and respect different points of view, give explanations, ask appropriate questions, and select appropriate strategies for social interaction.

**Course Title:** LC STUDY HALL  
**Course Number:** SH91  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 9-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Some settings also require a student application.  
**Intended for:** Students who satisfy entrance criteria

The purpose of this study hall is to provide specially-designed support for students' specific disabilities in alignment with their coursework.

**Course Title:** WORK STUDY  
**Course Number:** GU92  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 10-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Some settings also require a student application.  
**Intended for:** Students who satisfy entrance criteria  
**Note:** Students are graded Pass/No Pass.

The purpose of this course is to help students develop marketable employment skills while they are in a school setting. Work Study placements are coordinated by a learning center teacher and students are then supervised by a school employee. Work Study credit may be earned in a variety of school settings. Options include supporting work in the classroom, library, school store(s), and Front Office Aid.

## Special Education (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>WORK EXPERIENCE</b>  |
| Course Number:       | GU93  |
| Duration:            | One or more semesters as determined by the IEP  |
| Grade:               | 11-12   |
| Prerequisites:       | Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met prior to a quarter grading period. |
| Intended for:        | Students who satisfy entrance criteria  |
| Note:                | Students are graded Pass/No Pass.   |

Work experience is designed to provide students with IEPs an opportunity to earn school credit by working a part-time job with an agreement between student, parent, employer, and the teacher. Students are required to work a minimum of 10 hours a week during the semester and submit pay stubs regularly. Students gain real world experience, self-advocacy skills, and commitment to a job.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>CBL- COMMUNITY BASED LEARNING</b>  |
| Course Number:       | GU90  |
| Duration:            | One or more semesters as determined by the IEP  |
| Grade:               | 11-12   |
| Prerequisites:       | Successful completion of EPICS and referral along with educational recommendation by the IEP team and parental permission. Entry can occur at any time entrance criteria are met. |
| Intended for:        | Students who graduate by IEP and are tested on the alternate assessment   |
| Note:                | This class is a two period block and the students will earn two credit hours. Students are graded Pass/No Pass.   |

The purpose of this course is to teach students the skills they need to make a successful transition to employment and/or post-secondary education upon graduation. Students have the opportunity to volunteer their services within the community in a wide variety of experiences to broaden their exploration of career choices and develop job skills. Students also complete job skills curriculum which includes career interest inventories, exploration of career areas, resumes, and computer portfolios.

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>ALIVE VOCATIONAL (Academics –Living Independently-Vocational Experience)</b>   |
| Course Number:       | GU96  |
| Duration:            | One or more semesters as determined by the IEP  |
| Grade:               | 9-12  |
| Prerequisites:       | Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met. |
| Intended for:        | Students who graduate by IEP and are tested on the alternate assessment   |
| Note:                | Students are graded Pass/Fail. This class is a two hour block each day.   |

Vocational job sites are designed to provide hands-on training experience in the community environments where students are given the opportunity to learn specific work skills and behavior. Job Sites also provide opportunities to develop appropriate social and life skills. Students are able to apply what they learn in the classroom to real-life situations. Staff members provide varying levels of supervision and training and maintain accurate records of student progress.

## Special Education (continued)

**Course Title:** ALIVE ACADEMICS (Academics –Living Independently-Vocational Experience)  
**Course Number:** GU95  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 9-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.  
**Intended for:** Students who graduate by IEP and are tested on the alternate assessment  
**Note:** Students are graded Pass/No Pass.

Students will develop academic skills that relate directly to a variety of daily routines including laundry, shopping, cooking, reading, writing, & math. This class will also provide prevocational training, an introduction to community resources, and reinforce skills related to independent living.

**Course Title:** VLC LANGUAGE  
**Course Number:** GU94  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 9-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.  
**Intended for:** Students who graduate by IEP and are tested on the alternate assessment  
**Note:** Students are graded Pass/No Pass.

The purpose of this course is to strengthen receptive/expressive language skills so students will become effective communicators. The class focuses on skills necessary to respond appropriately in daily social interactions: body language, giving information, listening, questioning, problem solving, conversational skills, and more.

**Course Title:** VLC MATH  
**Course Number:** GU80  
**Duration:** One or more semesters as determined by the IEP  
**Grade:** 9-12  
**Prerequisites:** Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met.  
**Intended for:** Students who graduate by IEP and are tested on the alternate assessment  
**Note:** Students are graded Pass/No Pass.

The purpose of this course is to strengthen life math skills so students will become effective consumers. The class focuses on skills necessary to respond appropriately in daily social interactions.

## Special Education (continued)

|                      |   |
|----------------------|---|
| <b>Course Title:</b> | <b>INDIVIDUALIZED PHYSICAL EDUCATION</b>  |
| Course Number:       | PE40  |
| Duration:            | One or more semesters as determined by the IEP  |
| Grades:              | 9-12  |
| Prerequisites:       | Parent permission following referral and educational recommendation by the IEP team. Entry can occur at any time entrance criteria are met. |
| Intended for:        | Students who graduate by IEP and are tested on the alternate assessment   |
| Note:                | Students are graded Pass/No Pass.   |

Individualized PE is designed for students who will benefit more from an individualized and/or developmental physical education program. This may be due to some physical, mental, social, or emotional reason or circumstance. Individualized learning is made possible through trained student-peer tutors who work with the students under the guidance of the instructor. Individualized PE provides the opportunity for students to improve at their own pace. The purpose of Individualized PE is to prepare students with the knowledge and skills to pursue an active, healthy lifestyle.

## Social Studies

|                      |                           |
|----------------------|---------------------------|
| <b>Course Title:</b> | <b>U.S. HISTORY</b>       |
| Course Number:       | SS10                      |
| Duration:            | Two Semesters/Two Credits |
| Grade:               | 9                         |

U.S. History 9 is a required on-level, State of Nebraska Social Studies Standards and inquiry-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics of United States' history from 1900 through September 11, 2001: History, Civics, Geography, and Economics. Students will develop their disciplinary literacy skills by reading, thinking, analyzing, writing, and communication as historians do. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

|                      |                                  |
|----------------------|----------------------------------|
| <b>Course Title:</b> | <b>HONORS U.S. HISTORY</b>       |
| Course Number:       | SS11                             |
| Duration:            | Two Semesters/Two Credits        |
| Grade:               | 9                                |
| Notes:               | This is a grade-weighted course. |

Honors U.S. History 9 is differentiated from the on-level class by content, processes, and products (including common assessments). Without slowing the pace of the course's content or assessments, students will encounter a much more rigorous experience. Topics will be explored in greater depth, and students will be required to own their learning from the onset. The course serves as preparation for Advanced Placement (AP) World Civilizations and/or AP United States History.

## Social Studies (continued)

**Course Title:** WORLD CIVILIZATIONS  
**Course Number:** SS15  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10

World Civ. is a required on-level, State of Nebraska Social Studies Standards and inquiry-based class designed for all students regardless of their post-secondary plans. Course content is also aligned with applicable ACT Reading Benchmarks. This course traces the following standards-based topics of various world civilizations from 1000 C.E. through the present day: History, Civics, Geography, and Economics. Students will develop their literacy skills by reading, thinking, analyzing, writing, and communication as historians do. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

**Course Title:** AMERICAN GOVERNMENT  
**Course Number:** SS20  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

Based on the State of Nebraska Social Studies Standards, this required course examines the various institutions that make up the American governmental system. The Constitution and its overriding impact on the American governmental system will be of prime importance. Much attention will also be given to the powers of the President and how they are used to influence governmental policy, the powers of Congress and how they are exerted in the lawmaking process, and the powers of the judges, especially in the Supreme Court, in interpreting and applying law. Other topics covered will include the following: The Bill of Rights and the early formative years of our government, our system of laws (including criminal, civil, and constitutional law), political parties and beliefs, elections and voter behavior, citizenship, and current events.

**Course Title:** HONORS AMERICAN GOVERNMENT (Online)  
**Course Number:** SS29  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Note:** This is a grade-weighted course. Student computer access needed.

The purpose of the class will be to examine the various institutions which make up the American governmental system. The Constitution and its overriding impact on the American governmental system will be of prime importance. Much attention will also be given to the powers of the President and how they are used to influence governmental policy, the powers of Congress and how they are exerted in the lawmaking process, and the powers of the judges, especially in the Supreme Court, in interpreting and applying law. Special attention will be placed on current issues and events involving the government.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

## Social Studies (continued)

**Course Title:** ISSUES AND GEOGRAPHY IN THE MODERN WORLD (Online)  
**Course Number:** SS66  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Note:** Student Computer Access Needed

This course is intended for students who are interested in the ever-changing world in which we live today. As our world becomes more complex, it is essential that we understand the different issues that affect us today and more importantly will affect us in the years to come. This course will complement and reinforce what students have learned in American History and Government, World Civilizations and other social studies electives. This class is designed to introduce students to a variety of perspectives concerning Contemporary Issues and Geography in the world today. The focus of the course will be on the major issues affecting the world today from struggle in the Middle East to tension among nations in Africa; from environmental concerns around the globe to dealing with natural disasters wherever they occur. These issues for the course will change as issues change in the world today. The goals of the class will be: 1) for students to develop an understanding of contemporary issues in a historical, cultural and geographic context, 2) to increase the students' ability to process and gather information from a variety of sources, 3) to develop a student's ability to view contemporary issues from multiple perspectives, and 4) to develop an awareness of the global nature of issues and relate to their concerns. Due to the changing nature of this course, there will be no text book. Much of the content and related materials will be web based.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

**Course Title:** PSYCHOLOGY  
**Course Number:** SS50  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

The purpose of this course is to focus on the scientific study of human and animal behavior with the goal of assisting students to understand, predict, and modify behavior. Students will be able to apply the psychological principles they learn in class to their daily lives. By applying these principles, students will gain a greater understanding of themselves as well as others.

## Social Studies (continued)

**Course Title:** PSYCHOLOGY (Online)  
**Course Number:** SS51  
**Duration:** One Semester/One Credit  
**Grade:** 11-12  
**Note:** Student Computer Access Needed

The purpose of this course is to focus on the scientific study of human and animal behavior with the goal of assisting students to understand, predict, and modify behavior. Students will be able to apply the psychological principles they learn in class to their daily lives. By applying these principles, students will gain a greater understanding of themselves as well as others. The online Psychology course will be led by a Titan high school teacher who guides students through the curriculum.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

**Course Title:** SOCIOLOGY  
**Course Number:** SS60  
**Duration:** One Semester/One Credit  
**Grade:** 11-12

The purpose of this course is to study society and human behavior in social or group settings. The focus of the course is that all human experiences are touched and shaped by social forces not always of the individual's making. This includes a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. Whereas psychology looks at the behavior of the individual, sociology studies the behavior of society in groups from the sociologist's viewpoint of observing, describing, analyzing, and predicting human behavior in social contexts of groups, neighborhoods, cities, and whole societies.

**Course Title:** ADVANCED PLACEMENT U.S. HISTORY  
**Course Number:** SS25  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Notes:** This is a grade-weighted course. This class may be offered as dual enrollment for college credit through a university. Please see your instructor for details.

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

## Social Studies (continued)

**Course Title:**       **ADVANCED PLACEMENT GOVERNMENT/POLITICS: UNITED STATES**  
**Course Number:**    SS21  
**Duration:**           One Semester/One Credit. Offered only 1st semester.  
**Grade:**               11-12  
**Notes:**               This is a grade-weighted course. This course **does** fulfill the graduation requirement for American Government. This class may be offered as dual enrollment for college credit through a university. Please see your instructor for details.

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

**Course Title:**       **ADVANCED PLACEMENT GOVERNMENT/POLITICS: COMPARATIVE**  
**Course Number:**    SS22  
**Duration:**           One Semester/One Credit Offered only 2nd semester  
**Grade:**               11-12  
**Prerequisites:**      Successful completion of AP American Government is encouraged  
**Notes:**               This is a grade-weighted course. This class may be offered as dual enrollment for college credit through a university. Please see your instructor for details. This course **does not** fulfill the graduation requirement for American Government.

AP Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.

**Course Title:**       **ADVANCED PLACEMENT PSYCHOLOGY**  
**Course Number:**    SS24  
**Duration:**           Two Semesters/Two Credits  
**Grade:**               11-12  
**Notes:**               This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

## Social Studies (continued)

**Course Title:** ADVANCED PLACEMENT WORLD HISTORY

Course Number: SS31

Duration: Two Semesters/Two Credits

Grade: 10-12

Note: This is a grade-weighted course. This class may be offered as a dual enrollment for college credit. Please see your instructor for details.

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

**Course Title:** ADVANCED PLACEMENT ECONOMICS, MACROECONOMICS

Course Number: SS41

Duration: One Semester/One Credit

Grade: 11-12

Notes: This is a grade-weighted course. Offered only 1st semester. This class may be offered as a dual enrollment for college credit. Please see your instructor for details.

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

**Course Title:** ADVANCED PLACEMENT ECONOMICS, MICROECONOMICS

Course Number: SS43

Duration: One Semester/One Credit

Grade: 11-12

Notes: This is a grade-weighted course. Offered only 1st semester. This class may be offered as a dual enrollment for college credit. Please see your instructor for details.

AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

# World Language

**Course Title:** GERMAN 1  
**Course Number:** FL20  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9-12

Based on the most current State of Nebraska Standards for World Languages, this first-year world language course emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where German is spoken. Considerable student involvement is required in classroom activities. The student should plan to spend time outside of class on homework, review, and class preparation.

**Course Title:** GERMAN 2  
**Course Number:** FL21  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** German1

Based on the most current State of Nebraska Standards for World Languages, this world language course is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in German as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in German. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

**Course Title:** HONORS GERMAN 3  
**Course Number:** FL22  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Prerequisites:** German 2  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Language, third-year world language course is a continuation of the second year and reviews all grammar basics of the first and second years; however, third-year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in German. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time preparing for class.

## World Language (continued)

**Course Title:** HONORS GERMAN 4  
**Course Number:** FL23  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12  
**Prerequisites:** German 3  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Language, fourth-year world language course continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in German. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

**Course Title:** FRENCH 1  
**Course Number:** FL10  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9-12

Based on the most current State of Nebraska Standards for World Languages, this first-year world language course emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where French is spoken. Considerable student involvement is required in classroom activities. The student should plan to spend time outside of class on homework, review, and class preparation.

**Course Title:** FRENCH 2  
**Course Number:** FL11  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** French 1

Based on the most current State of Nebraska Standards for World Languages, this is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in French as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in French. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

## World Language (continued)

**Course Title:** HONORS FRENCH 3  
**Course Number:** FL12  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Prerequisites:** French 2  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Language, third-year world language study is a continuation of the second year and reviews all grammar basics of the first and second years; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in French. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time studying and preparing for class.

**Course Title:** HONORS FRENCH 4  
**Course Number:** FL13  
**Duration:** Two Semesters/Two Credits  
**Grade:** 12  
**Prerequisites:** French 3  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Languages, this fourth-year world language course continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in French. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

**Course Title:** SPANISH 1  
**Course Number:** FL40  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9-12

Based on the most current State of Nebraska Standards for World Languages, this first-year world language course emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where Spanish is spoken. Considerable student involvement is required in classroom activities. The student will spend time outside of class on homework and class preparation.

## World Language (continued)

**Course Title:** SPANISH 2  
**Course Number:** FL41  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9-12  
**Prerequisites:** Spanish 1

Based on the most current State of Nebraska Standards for World Languages, this is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in Spanish as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in Spanish. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

**Course Title:** HONORS SPANISH 3  
**Course Number:** FL42  
**Duration:** Two Semesters/Two Credits  
**Grade:** 10-12  
**Prerequisites:** Spanish 2  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Language, third-year study is a continuation of the second year and reviews all grammar basics of the first and second years; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in Spanish. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time studying and preparing for class

**Course Title:** HONORS SPANISH 4  
**Course Number:** FL43  
**Duration:** Two Semesters/Two Credits  
**Grade:** 11-12  
**Recommendation:** Completion of Spanish 3  
**Note:** This is a grade-weighted course.

Based on the most current State of Nebraska Standards for World Language, fourth-year world language course continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in Spanish. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

## World Language (continued)

**Course Title:** ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE  
**Course Number:** FL44  
**Duration:** Two semesters/Two credits  
**Grade:** 11-12  
**Prerequisites:** Completion of Honors Spanish 4 Recommended

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

**Course Title:** SPANISH FOR SPANISH SPEAKERS  
**Course Number:** FL49  
**Duration:** Two Semesters/Two Credits  
**Grade:** 9-12  
**Note:** This course is for students who have been identified as a speaker of Spanish.

This class is designed specifically for students who already speak Spanish and desire deeper learning of grammar, reading, writing, history, and culture. This class is NOT an EL class nor a lower level of Spanish 1 or 2. Students who successfully complete both semesters of this course will have fulfilled one year of World Language credit needed for collegiate entrance. In addition, students who successfully complete both semesters may move onto Honors Spanish 3 in PLCS.

## **Additional Credit Opportunities**

**Course Title:** OFFICE ASSISTANT  
**Course Number:** GU23  
**Duration:** One Semester/One Credit, Pass/Fail only  
**Grade:** 11-12  
**Prerequisites:** Administrative permission  
**Note:** Students who work as aides in the classroom do NOT receive a credit. Enrollment in this course does NOT count as one of 5 needed earning mark points per semester for Laude recognition.

A student may register for a position as an office assistant to work in the principal's office, guidance office, attendance office, or media center. Basic duties will include running passes, taking messages, and other clerical tasks. A total of 1 credit per semester may be applied toward graduation. Students will be evaluated quarterly by a site supervisor. There are limited spots available, students must remain in good standing.

**Course Title:** PEER AIDE  
**Course Number:** GU24  
**Duration:** One Semester/One Credit, Pass/Fail only  
**Grade:** 9-12  
**Prerequisites:** Teacher permission  
**Note:** Enrollment in this course does NOT count as one of 5 needed earning mark points per semester for Laude recognition.

A student may register for a position as an aide for Adaptive PE or Vocational Learning Center classes. Individualized aides are paired up with another student and they will be responsible for helping that student develop their skills according to their IEP. In the Adaptive PE class, student aides will help develop skills in the area of recreation, sportsmanship and motor development needed for independent living. In the Vocational Learning Center class, aides will be responsible for introducing activities to students with special needs in a classroom setting.

There are a limited number of spaces available. Students must remain in good standing.

This class is appropriate for students who are interested in learning more about special needs or in the field of education.

## **Access Your Future**

### **Authentic College & Career Experiences for Student Success**

Regardless of the future career path of our students, it is the vision of the Papillion La Vista Community Schools (PLCS) to ensure that all students are adequately prepared for the transition into the next phase of life after graduation. Students need to have a variety of personalized learning opportunities and have exposure and experiences in a variety of future careers. The Authentic College & Career Experiences for Student Success (ACCESS) programs will help to realize this vision.

#### **PLCS Academies**

PLCS academies are real-life, hands-on learning experiences designed around a specific career area. Academies are located at the school or in a business setting and are designed to take learning and career exploration to a whole new level. Academies combine both classroom learning where students are taught by a PLCS teacher and hands-on learning where students work directly in their chosen career interest. The exciting part of PLCS academies are the opportunities for high school students to work directly with professionals in their chosen career area.

## **How to Apply**

- Applications for PLCS academies will be online for one week in November at [www.plcschools.org](http://www.plcschools.org). (click Academy Programs)
- Fliers are located in the counseling center describing each of the academies in detail. More information is also available online at [www.plcschools.org](http://www.plcschools.org) or see a counselor in guidance.
- Students will find out in January if they have been accepted into a PLCS academy. Accepted students will meet with a counselor and academy staff in late January/early February to register for classes.
- Students will find out late March/early April if they have been accepted into an MCC academy. At that time, a counselor will meet with students to make adjustments to schedules.

## **Athletic Training – PLSHS**

Are you interested in sports medicine? Would you like to assist athletes on and off the field? Learn how to recognize, evaluate and care for sports related injuries. Students will assist in the training room and at athletic events caring for injuries, taping, and providing rehabilitation. You will also become certified in first aid and adult CPR/AED.

## **Education – PLSHS (year 1), PLCS elementary or junior high school (year 2)**

Do you have an interest in working with and teaching children? In this academy students will learn what it takes to be a teacher. Year one students take an introductory course in education which will prepare them for an internship during year two at a local elementary or junior high school where they will work alongside a teacher preparing and presenting lessons to students.

## **Health Systems – CHI Health Midlands Hospital, S. 84<sup>th</sup> Street**

Do you have an interest in being a nurse, doctor, scientist, radiologist, physical therapist, or other profession in the medical field? Check out this academy. The first year students work towards earning their Certified Nursing Assistant, so that during the second year they can participate in rotations where they will work side by side with health care professionals throughout the hospital. A listing of specific courses & their descriptions is available [here](#).

## **Information Technology Internship – PLCS Elementary or Junior High School**

Do you like helping teachers and students with technology? Do you want to earn your CompTIA A+ certification? This internship provides students the opportunity to intern with the district technology department, while being a tech assistant at one of the district elementary or junior high schools.

## **Leadership – PLSHS**

Do you have an interest in being a leader within your school and community? Would you like to improve your leadership skills? Learn about your own personal leadership style while enhancing your strengths to productively contribute to your school and community. Students will hear speakers from different areas of the community, and will have the opportunity to work with a mentor in completing a leadership project.

## **Media – PLHS**

Do you see yourself working in broadcast media in the future? Do you like recording and editing videos? Students will complete a variety of long and short form projects including but not limited to documentaries, public relations and publicity pieces, and post-event production. Problem solving, teamwork, confidence building and leadership development will all be focal points of the academy.

## **STEM – PLSHS**

Are you into Science-Technology-Engineering-Math? Students who enjoy solving problems, working with their hands, have a passion for science, math, and art will discover that a rewarding STEM-related career is waiting to happen. Students will have access to the same 3D design software used by companies such as Intel, Lockheed Martin and Pixar.

## **Zoo – Omaha’s Henry Doorly Zoo, S. 13<sup>th</sup> Street**

Do you like being around animals? Are you looking for a future career where you can work with or be with animals? Then this academy is for you. Students will experience first-hand careers such as zoology, genetics, ecology, vet science, horticulture, animal behavior, marine biology, zoo management, business and marketing. A listing of courses & their descriptions is available [here](#).

## College Jumpstart

The College Jumpstart program allows students to get a jump start on earning college credits for their two or four-year college degree while in high school. We offer three options: Senior Transition, IT Program, & Law/Public Safety Pathways. All three programs are at the Metro Community College Sarpy Campus and are offered at the beginning or end of the day.

Senior Transition- Start earning highly transferable college credit while in high school. Courses for the program include English Composition 1&2, Human Geography, Financial Literacy, Public Speaking, and Sociology.

IT Program offers three pathways: Computer Programming 1, Computer Programming 2, and Cyber-Security

Law & Public Safety: Criminal Justice, Judicial Procedures, Business Law, Police/Society, Community Relations, Community-Based Corrections.

A listing of the program's specific courses & descriptions is available [here](#).

Through all three pathways, students will take classes at MCC and receive both high school and college credit.

## Internships

Internships give students the opportunity to experience first hand what a potential career may be like. PLCS partners with a local business and students are immersed in a business setting. A listing of available internships & their descriptions is linked [here](#).

**Information Technology**- Put your skills to the test. Students who successfully complete the Network Technician Pathway are eligible to apply for an internship with the PLCS Technology Department.

**PLCS Communications Department**-learn the behind the scenes operations of the District Communications Department. Students will gain experience writing messages, working with social media, designing publications, planning special events and more. The internship is perfect for students with a strong interest in communications and public relations and desire to learn more about the various careers available in the communications and public relations industry.

## Metro Community College Academies

The Metropolitan Community College (MCC) Career Programs are designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jump start on their post-secondary education. Students who participate in the MCC Career Programs spend periods 5-7 on one of the MCC Campus. Students must have transportation to and from classes at the various campuses. Full descriptions and campus locations can be found at [www.mccneb.edu](http://www.mccneb.edu).

Programs available for 2026-2027 include:

3-D Animation and Games

Advanced Manufacturing

Architecture Technology

Automotive Collision

Technology

Automotive Technology

Business

Certified Nursing Assistant  
(CNA)

Civil Engineering

Construction Technology

Criminal Justice

Culinary Arts Foundations

Diesel Technology

Digital Cinema and

Filmmaking

Electrical Technology

Emergency Medical

Technician (EMT) - Seniors  
only

Fire Science Technology

Heating, Air Conditioning and

Refrigeration Technology

Horticulture, Land Systems

and Management

IT Technician - Cyber Security

Photography

Powersports and Outdoor

Power Equipment Technician

Pre-Apprenticeship Plumbing

Software Development

Welding and Fabrication

Technology

**ONLINE ONLY:**

Digital Technology

Game Developer

**Scholarships** are available to assist academy students with Metro Community College tuition for dual-enrolled classes. Students will need to complete a scholarship application in order to receive assistance.

**For more detailed information regarding Papillion-La Vista Community Schools or Metropolitan Community College academies visit:**

[WWW.PLCSCHOOLS.ORG](http://WWW.PLCSCHOOLS.ORG) OR [WWW.MCCNEB.EDU](http://WWW.MCCNEB.EDU)